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Electron Physics Tables

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L. Marton, C. Marton, and W. G. Hall



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(Supersedes part II of Mathematical Table 17)

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The tables presented here are intended as replacement of "Miscellaneous Physics Tables—Part II. Electronic Functions" (Mathematical Tables 17 of the National Bureau of Standards, 1941). Eight parameters have been calculated on the Standards Electronic Automatic Computer (SEAC) and are tabulated with an eight digit accuracy.

Introduction

The present tables of electron physics were prepared to replace the second half, called "Electronic Functions" of the "Miscellaneous Physical Tables, Planck's Radiation Functions and Electronic Functions" (MT17) issued by the National Bureau of Standards in 1941. The reasons for replacement are twofold: The old tables are out of print and reproduction without changes of the old and partly obsolete tables appeared to be not advisable.

The new tables were prepared by adopting such quantities for tabulation which are better suited to changed requirements in physics and in engineering. The quantities listed are the following:

V is the potential difference, in absolute volts, that is required to impart to an electron initially at rest a kinetic energy E expressed in electron volts. If E is expressed in centimeter-gram-second units of energy (ergs), then $V = (E \times 10^{-8})/e$, where e is the electronic charge in electromagnetic units. The quantity V is numerically equal to the quantity with the symbol T in the earlier tables (in the following denoted by MT17).

In the theory of relativity and in quantum mechanics, the Hamiltonian form of the equations of motion play a dominant role. In this form it is the momentum p (rather than the velocity v) which appears in the equations of motion. It is often found convenient to determine the value of the momentum which is relativistically correct in terms of a formula which is of a non-relativistic form. Thus, if we write

$$p = (2em_0V^*)^{1/2} \quad (1)$$

where m_0 is the rest mass of the electron, e is the charge of the electron in emu; then V^* may be considered as the "effective relativistic potential difference" which is given by

$$V^* = V + \frac{e}{2m_0c^2} V^2 \quad (2)$$

where c is the velocity of light. In addition to the momentum, other quantities in this table which are functions of the momentum can be

formulated by simple equations employing the quantity V^* . Furthermore, this quantity V^* may be utilized in many electron optical calculations to make a nonrelativistic formulation of the "optical equations" correct in the relativistic region. This is because the "optical equations" can be obtained from a Fermat-type variational principle in which the momentum p plays the role of the index of refraction.¹

The third column illustrates the utility of the quantity V^* in a direct manner. It lists the quantity $H\rho$, the product of the magnetic field and the radius of curvature of the path of the electron in the plane perpendicular to the field. This quantity is used to determine experimentally the momentum of the electron. In these tables H is expressed in oersteds and ρ in centimeters.² $H\rho$ is given by

$$eH\rho = p \quad (3)$$

so that

$$H\rho = \sqrt{\frac{2m_0}{e}} \sqrt{V^*}. \quad (4)$$

The next tabulated quantity is λ , the de Broglie wavelength of the electron in the absence of a magnetic field. It is given by

$$\lambda = \frac{h}{p} = h(2m_0eV^*)^{-1/2} \quad (5)$$

where h is Planck's constant.

The next column contains p^* , the momentum of the electron in units of m_0c . It has been pointed out repeatedly in the literature³ that $p^* = p/m_0c$ is a very convenient quantity for numerical calculations. The following relation was used in computing these tables:

$$p^* = \frac{p}{m_0c} = \left(\frac{2e}{m_0c^2} V^* \right)^{1/2}. \quad (6)$$

¹ W. Glaser, *Grundlagen der Elektronenoptik*, p. 50 (Springer Verlag, Wien, 1952).

² Readers who are accustomed to considering electrodynamics as developed from four fundamental quantities, as in the MKSA system of units, may prefer the symbol B (in gauss) because they are used to writing the transverse force on an electron as $F = ev \times B$. However, in the 3-dimensional cgs system of units H and B are indistinguishable in vacuum and the combined symbols " $H\rho$ " are deeply rooted in the literature.

³ For instance, P. A. Sturrock, *Static & Dynamic Electron Optics* (Cambridge Univ. Press, 1955).

In the sixth column we have tabulated E^* , the kinetic energy of the electron in units of its rest energy. This is expressed by

$$E^* = \frac{E}{m_0 c^2} \quad (7)$$

so that

$$E^* = [(p^*)^2 + 1]^{1/2} - 1 = \frac{eV}{m_0 c^2}. \quad (8)$$

The total energy in these units W^* is tabulated in the seventh column. This quantity bears a simple relationship to E^* ,

$$W^* = E^* + 1 \quad (9)$$

and is the same quantity which is listed in MT17 under the symbol G

$$G = \left(\frac{1}{1 - v^2/c^2} \right)^{1/2} = W^* = \frac{W}{m_0 c^2} \quad (10)$$

where W is the total energy in the usual cgs units.

The last column contains $\beta = v/c$, the ratio of electron velocity to light velocity. In taking account of the above listed equations the following relationships are valid:

$$\beta = \frac{p^*}{W^*} = \frac{p^*}{E^* + 1} = \frac{p^*}{\sqrt{p^{*2} + 1}} = \sqrt{\frac{2eV^*}{2eV^* + m_0 c^2}}. \quad (11)$$

The following table 1 summarizes the notations and equations used in these tables, together with a comparison with the notation of the same quantities used in two other NBS publications: Mathematical Tables 17 (Miscellaneous Physical Tables) and Applied Mathematics Series 13 (Tables for the Analysis of Beta Spectra).

TABLE 1

	Present tables	MT 17	AMS 13
Potential difference ("volt-energy")	$V = 10^{-8} \frac{m_0}{e} c^2 E^*$	$V = 10^{-8} \frac{m_0}{e} c^2 (G - 1)$	$T = 10^{-8} \frac{m}{e} c^2 (\epsilon - 1)$
"Relativistic potential difference"	$V^* = V + \frac{e \text{emu}}{2m_0 c^2} V^2$	-----	-----
Magnetic field	H	H	B
Radius of curvature	ρ	ρ	ρ
Wavelength of the electron	$\lambda = \frac{h}{p}$	-----	-----
Momentum in units of $m_0 c$	$p^* = \frac{p}{m_0 c} = \beta W^*$	βG	$\eta = \frac{p}{mc} = \sqrt{\epsilon^2 - 1}$
Kinetic energy in units of rest energy	$E^* = E/m_0 c^2 = W^* - 1$	$G - 1 = T/m_0 c^2$	$\epsilon - 1$
Total energy in units of rest energy	$W^* = E^* + 1$	$G = \sqrt{\frac{1}{1 - \beta^2}}$	$\epsilon = \sqrt{1 - \eta^2} = E/m_0 c^2$
Ratio of light-to-electron velocities	$\beta = v/c$	$\beta = v/c$	$\beta = v/c = \eta/\epsilon$
Charge of the electron	e	e	e
Rest mass of the electron	m_0	m_0	m
Velocity of the electron	v	v	v
Momentum of the electron	$p = e H \rho$	$P = m_0 c \beta G$	p
Kinetic energy	$E = m_0 c^2 E^* = \frac{eV}{10^{-8}}$	$T = m_0 c^2 (G - 1)$	-----
Total energy	$W = m_0 c^2 W^*$	$E = m_0 c^2 G$	$E = mc^2 \epsilon$

The values of the fundamental constants, adopted in the computation of these tables, are the ones given by "Least-square adjustment of the atomic constants, 1952," by J. W. M. DuMond and E. R. Cohen, Reviews of Modern Physics **25**, 691-708 (1953). They are as follows:

$$\begin{aligned} c &= (2.997929 \pm 0.000008) \times 10^{10} \text{ cm sec}^{-1} \\ e &= (1.60207 \pm 0.00007) \times 10^{-20} \text{ emu} \\ m_0 &= (9.1085 \pm 0.0006) \times 10^{-28} \text{ g} \\ h &= (6.6252 \pm 0.0005) \times 10^{-27} \text{ erg sec.} \end{aligned}$$

These values were the most recent ones at the time the computations were started. Two critical reviews of the atomic constants were published *after* completion of the computations.^{4,5} Both show changes in the above quoted values by 1 or 2 units in the last significant figure and reduce considerably the probable error. Surprisingly the new values bracket the ones used in the computation as shown below:

⁴ A survey of atomic constants, J. A. Bearden and J. S. Thomsen (The Johns Hopkins University, Baltimore, Md., 1955).
⁵ E. R. Cohen, J. W. M. DuMond, T. W. Layton, and J. S. Rollett, Rev. Mod. Phys. **27**, 363 (1955).

TABLE 2

	DuMond & Cohen, 1953	Bearden & Thomsen, 1955	Cohen, DuMond, et al., 1955
c -----	2.997929 ± 0.000008	2.997928 ± 0.000004	2.997930 ± 0.000003
e -----	1.60207 ± 0.00007	1.60209 ± 0.00003	1.60206 ± 0.00003
m_0 -----	9.1085 ± 0.0006	9.1086 ± 0.0003	9.1083 ± 0.0003
h -----	6.6252 ± 0.0005	6.6254 ± 0.0002	6.62517 ± 0.00023

For computational purposes the constants, as given by DuMond and Cohen, were regarded as *exact* and the numerical values of the different required combinations of these constants were carried to 10 significant figures. Substitution of these numerical values in the above equations leads to the following expressions used in the computation of the tables:

$$V^* = V + 0.9785025081 \times 10^{-6} \times V^2$$

$$H\rho = 3.372078569 \times V^{*1/2}$$

$$\lambda = 1.226365205 \times 10^{-7} \times V^{*-1/2}$$

$$p^* = 1.978385713 \times 10^{-3} \times V^{*1/2}$$

$$E^* = 1.957005016 \times 10^{-6} \times V$$

$$W^* = E^* + 1$$

$$\beta = p^*/W^*.$$

The calculation of the tables were carried out on the National Bureau of Standards automatic digital computer, SEAC. Each of the eight tabulated quantities is given to eight significant figures. The numbers in parenthesis indicate the power of 10 by which the tabulated values are to be multiplied. The last digit of each column is automatically adjusted by SEAC to the nearest approximation depending on the values of the figures beyond the 8th which are cut off by the machine. A consequence of this process is that beyond $V = 5.3 \times 10^9$ ev the values of β appear uniformly as 1.0000000. The list of values for β is not very informative for the values of V on several pages prior to the 5.3×10^9 ev entry. To remedy this defect of the computing procedure an auxiliary table is given below for selected values of β . In table 3, β is listed to eight significant figures beyond the required number of nines. This does not mean that β is given by more than eight significant figures but rather that β has been expressed as $1 - abcdefgh \times 10^{-n}$, where the a through h are the numerical values of eight figures and n is some number of the order of 10. For the calculation of this table the last part of eq (11) was developed into a binomial series.

$$\begin{aligned} \beta &= \left[\frac{2eV^*}{2eV^* + m_0c^2} \right]^{1/2} = \left(\frac{aV^*}{aV^* + b} \right)^{1/2} = \left(1 + \frac{b}{aV^*} \right)^{-1/2} \\ &= 1 - \frac{b}{2aV^*} + \frac{3b^2}{8(aV^*)^2} - \frac{5b^3}{16(aV^*)^3} + \frac{35b^4}{128(aV^*)^4} - \dots \end{aligned} \quad (12)$$

Using the proper conversion factors the values of a and b (omitting units) are as follows:

$$a = 3.20414 \times 10^{-12}$$

$$b = 8.18633568 \times 10^{-7}.$$

TABLE 3

V	V^*	β
9.6111732×10^6	1.0000000×10^8	$0.9_2 \dots 87249804$
1.0000000×10^7	1.0785025	$0.9_2 \dots 88176226$
1.0917846	1.2755464	$0.9_3 \dots 00000000$
3.1461361	1.0000000×10^9	$0.9_3 \dots 87227825$
3.5622007	1.2772706	$0.9_4 \dots 00000000$
1.0000000×10^8	9.8850251	$0.9_4 \dots 87077298$
1.0058283	1.0000000×10^{10}	$0.9_4 \dots 87225622$
1.1374900	1.2774431	$0.9_5 \dots 00000000$
3.1917205	1.0000000×10^{11}	$0.9_5 \dots 87225402$
3.6081000	1.2774603	$0.9_6 \dots 00000000$
1.0000000×10^9	9.7950251	$\dots 86958076$
1.0104144	1.0000000×10^{12}	87225380
1.1420860	1.2774620	$0.9_7 \dots 00000000$
3.1963153	1.0000000×10^{13}	87225378
3.6126979	1.2774622	$0.9_8 \dots 00000000$
1.0000000×10^{10}	9.7860251	86946056
1.0108741	1.0000000×10^{14}	87225378
1.1425459	1.2774622	$0.9_9 \dots 00000000$
3.1967751	1.0000000×10^{15}	87225378
3.6131577	1.2774622	$0.9_{10} \dots 00000000$
1.0000000×10^{11}	9.7851251	86944855
1.0109201	1.0000000×10^{16}	87225378
1.1425918	1.2774622	$0.9_{11} \dots 00000000$
3.1968211	1.0000000×10^{17}	87225378
3.6132037	1.2774622	$0.9_{12} \dots 00000000$
1.0000000×10^{12}	9.7850351	86944735
1.0109247	1.0000000×10^{18}	87225378
1.1425964	1.2774622	$0.9_{13} \dots 00000000$
3.1968257	1.0000000×10^{19}	87225378
3.6132083	1.2774622	$0.9_{14} \dots 00000000$

In MT17, the predecessor of these tables, means were offered to correct the tabulated values in case of changes in values of the fundamental constants. No such shortcuts are offered here, although an inspection of (1) to (11) shows that for certain tabulated quantities the corrections apply quite easily. The lack of listing of shortcuts is due to our improved knowledge of the fundamental constants and to the degree of internal consistency achieved in our knowledge. It

is reasonably safe to predict that future changes will not affect more than the last significant figure in our present listing and even that last significant figure may not change more than 2 or 3 units. Any such changes will affect the last 4 or 5 digits of the tables presented here, which for most practical uses is entirely negligible. The question then may be asked: Why list 8 significant figures when the last 4 or 5 of these are insecure? The answer is that small changes in the values of the constants do not affect the incremental steps between the tabulated values, and the knowledge of the increments to the extent of number of tabulated figures can be of great help for rapid evaluation of an experiment or of a theory.

In order to facilitate interpolation, each of the quantities was treated as an independent variable at selected intervals and the values of the other quantities were determined from it. For instance, in the V column, values were chosen at fixed intervals, and the quantities in the other columns

were calculated and listed. The selected intervals are as follows

<i>Range</i>	<i>Interval</i>
1×10^n to 3×10^n	0.1
3×10^n to 5×10^n	0.2
5×10^n to $1 \times 10^{n+1}$	0.5

and are the same for each decade and for each column. In the λ column the same intervals were chosen and the quantities in the other columns were evaluated from them. In a similar manner selected values in the various columns were considered as independent variables from which the quantities in the other columns were determined. Therefore, in reading up or down any given column one finds an interlacing of quantities which are the independent variables and the dependent variables. This is the reason why two sets of intervals in the same column are not necessarily equal, but there are cycles in every column for which the intervals are equal. These cycles can be ascertained at a glance, and so interpolation in any column is then a rather straightforward operation.

We are indebted to M. Abramowitz, R. W. Hayward, L. B. Leder, H. Mendlowitz, and F. B. Silsbee for critical reading of the manuscript.

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Pages 6 to 83

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β
2.0630608	- 1	1.5316296	0	8.9860126	- 4	1.0000004	0
2.0694886	- 1	1.5340137	0	9.0000000	- 4	1.0000004	0
2.2248101	- 1	1.5905384	0	9.3316285	- 4	1.0000004	0
2.3058188	- 1	1.6192366	0	9.5000000	- 4	1.0000005	0
2.4063540	- 1	1.6541599	0	9.7048936	- 4	1.0000005	0
2.5415717	- 1	1.7000000	0	9.9738356	- 4	1.0000005	0
2.5549238	- 1	1.7044596	0	1.0000000	- 3	1.0000005	0
2.5549264	- 1	1.7044605	0	1.0000005	- 3	1.0000005	0
2.6110612	- 1	1.7230833	0	1.0109264	- 3	1.0000005	0
2.8430457	- 1	1.7979999	0	1.0548797	- 3	1.0000006	0
2.84933744	- 1	1.8000000	0	1.0560532	- 3	1.0000006	0
3.0914577	- 1	1.8749056	0	1.1000000	- 3	1.0000006	0
3.0914614	- 1	1.8749067	0	1.1000007	- 3	1.0000006	0
3.1073784	- 1	1.8797272	0	1.1028288	- 3	1.0000006	0
3.1747658	- 1	1.9000000	0	1.1147228	- 3	1.0000006	0
3.4103653	- 1	1.9692380	0	1.1553445	- 3	1.0000007	0
3.5177459	- 1	2.0000000	0	1.1733924	- 3	1.0000007	0
3.6790899	- 1	2.0453515	0	1.2000009	- 3	1.0000007	0
3.6790952	- 1	2.0453530	0	1.2000009	- 3	1.0000007	0
3.7599277	- 1	2.0676999	0	1.2131117	- 3	1.0000007	0
3.8783148	- 1	2.1000000	0	1.2320620	- 3	1.0000008	0
4.1661247	- 1	2.1765262	0	1.2769597	- 3	1.0000008	0
4.2564723	- 1	2.2000000	0	1.2907317	- 3	1.0000008	0
4.3178205	- 1	2.2157975	0	1.3000000	- 3	1.0000008	0
4.3178278	- 1	2.2157994	0	1.3000011	- 3	1.0000008	0
4.6418856	- 1	2.2974443	0	1.3479019	- 3	1.0000009	0
4.6522185	- 1	2.3000000	0	1.3494013	- 3	1.0000009	0
5.0076495	- 1	2.3862435	0	1.4000000	- 3	1.0000010	0
5.0076593	- 1	2.3862458	0	1.4000014	- 3	1.0000010	0
5.0655534	- 1	2.4000000	0	1.4080709	- 3	1.0000010	0
5.1098489	- 1	2.4104705	0	1.4142139	- 3	1.0000010	0
5.2040514	- 1	2.4325881	0	1.4271902	- 3	1.0000010	0
5.4964770	- 1	2.5000000	0	1.4667405	- 3	1.0000011	0
5.6208338	- 1	2.5281229	0	1.4832401	- 3	1.0000011	0
5.7485768	- 1	2.5566894	0	1.5000000	- 3	1.0000011	0
5.7485930	- 1	2.5566923	0	1.5000017	- 3	1.0000011	0
5.8748858	- 1	2.5846249	0	1.5163896	- 3	1.0000011	0
5.9449892	- 1	2.6000000	0	1.5254101	- 3	1.0000012	0
6.1318187	- 1	2.6405383	0	1.5491938	- 3	1.0000012	0
6.4110902	- 1	2.7000000	0	1.5840798	- 3	1.0000013	0
8.9860090	- 4	8.9860090	0	4.0374203	- 7	1.0000004	0
8.9999964	- 4	8.9999964	0	4.0499992	- 7	1.0000004	0
9.3316244	- 4	9.3316244	0	4.3539635	- 7	1.0000004	0
9.4999957	- 4	9.4999957	0	4.5124990	- 7	1.0000005	0
9.7048890	- 4	9.7048890	0	4.7092469	- 7	1.0000005	0
9.9738306	- 4	9.9738306	0	4.9738685	- 7	1.0000005	0
9.9999950	- 4	9.9999950	0	4.9999988	- 7	1.0000005	0
1.0000000	- 3	1.0000000	0	5.0000037	- 7	1.0000005	0
1.0109259	- 3	1.0109259	0	5.1098598	- 7	1.0000005	0
1.0548792	- 3	1.0548792	0	5.5638548	- 7	1.0000006	0
1.0560526	- 3	1.0560526	0	5.5762400	- 7	1.0000006	0
1.0999993	- 3	1.0999993	0	6.0499982	- 7	1.0000006	0
1.1000000	- 3	1.1000000	0	6.0500055	- 7	1.0000006	0
1.1028281	- 3	1.1028281	0	6.0811552	- 7	1.0000006	0
1.1147221	- 3	1.1147221	0	6.2130326	- 7	1.0000006	0
1.1553437	- 3	1.1553437	0	6.6741021	- 7	1.0000007	0
1.1733916	- 3	1.1733916	0	6.8842465	- 7	1.0000007	0
1.1999991	- 3	1.1999991	0	7.1999974	- 7	1.0000007	0
1.2000000	- 3	1.2000000	0	7.2000078	- 7	1.0000007	0
1.2131108	- 3	1.2131108	0	7.3581973	- 7	1.0000007	0
1.2320611	- 3	1.2320611	0	7.5898815	- 7	1.0000008	0
1.2769586	- 3	1.2769586	0	8.1531269	- 7	1.0000008	0
1.2907306	- 3	1.2907306	0	8.3299376	- 7	1.0000008	0
1.2999989	- 3	1.2999989	0	8.4499964	- 7	1.0000008	0
1.3000000	- 3	1.3000000	0	8.4500107	- 7	1.0000008	0
1.3479007	- 3	1.3479007	0	9.0841934	- 7	1.0000009	0
1.3494001	- 3	1.3494001	0	9.1044149	- 7	1.0000009	0
1.3999986	- 3	1.3999986	0	9.7999952	- 7	1.0000010	0
1.4000000	- 3	1.4000000	0	9.8000144	- 7	1.0000010	0
1.4080695	- 3	1.4080695	0	9.9133134	- 7	1.0000010	0
1.4142125	- 3	1.4142125	0	1.0000000	- 6	1.0000010	0
1.4271888	- 3	1.4271888	0	1.0184355	- 6	1.0000010	0
1.4667389	- 3	1.4667389	0	1.0756633	- 6	1.0000011	0
1.4832385	- 3	1.4832385	0	1.1000000	- 6	1.0000011	0
1.4999983	- 3	1.4999983	0	1.1249994	- 6	1.0000011	0
1.5000000	- 3	1.5000000	0	1.1250019	- 6	1.0000011	0
1.5163879	- 3	1.5163879	0	1.1497181	- 6	1.0000011	0
1.5254084	- 3	1.5254084	0	1.1634374	- 6	1.0000012	0
1.5491919	- 3	1.5491919	0	1.2000000	- 6	1.0000012	0
1.5840778	- 3	1.5840778	0	1.2546536	- 6	1.0000013	0

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β
6.5406025	- 1	2.7271354	0	1.5163896	- 7	1.6000000	- 3
6.5406192	- 1	2.7271389	0	1.5163877	- 7	1.6000000	- 3
6.6428036	- 1	2.7483595	0	1.5046794	- 7	1.6124521	- 3
6.6843139	- 1	2.7569332	0	1.5000000	- 7	1.6174823	- 3
6.8947798	- 1	2.8000000	0	1.4769285	- 7	1.6427494	- 3
7.1537885	- 1	2.8521075	0	1.4499453	- 7	1.6733206	- 3
7.3837264	- 1	2.8975814	0	1.4271902	- 7	1.7000000	- 3
7.3837477	- 1	2.8975855	0	1.4271882	- 7	1.7000025	- 3
7.3960580	- 1	2.9000000	0	1.4259999	- 7	1.7014190	- 3
7.6647734	- 1	2.9522118	0	1.4007802	- 7	1.7320515	- 3
7.6733188	- 1	2.9538570	0	1.4000000	- 7	1.7330167	- 3
7.7149250	- 1	3.0000000	0	1.3784666	- 7	1.7600886	- 3
8.1757583	- 1	3.0490313	0	1.3562996	- 7	1.7888551	- 3
8.2779486	- 1	3.0680213	0	1.3479019	- 7	1.8000000	- 3
8.2779754	- 1	3.0680323	0	1.3478997	- 7	1.8000029	- 3
8.6867432	- 1	3.1428696	0	1.3158038	- 7	1.8439097	- 3
8.8992326	- 1	3.1810768	0	1.3000000	- 7	1.8663257	- 3
9.0054248	- 1	3.2000000	0	1.2923124	- 7	1.8774279	- 3
9.1977281	- 1	3.2339862	0	1.2787314	- 7	1.8973674	- 3
9.2232690	- 1	3.2384732	0	1.2769597	- 7	1.9000000	- 3
9.2233023	- 1	3.2384791	0	1.2769574	- 7	1.9000034	- 3
9.7087130	- 1	3.3226051	0	1.2446258	- 7	1.9493598	- 3
9.9999902	- 1	3.3720786	0	1.2263652	- 7	1.9783857	- 3
1.0000000	0	3.3720802	0	1.2263646	- 7	1.9783867	- 3
1.0166279	0	3.4000000	0	1.2162941	- 7	1.9947671	- 3
1.0219688	0	3.4089192	0	1.2131117	- 7	2.0000000	- 3
1.0219698	0	3.4089210	0	1.2131111	- 7	2.0000010	- 3
1.1241668	0	3.4089261	0	1.2131093	- 7	2.0000040	- 3
1.0444237	0	3.4461665	0	1.2000000	- 7	2.0218528	- 3
1.0730683	0	3.4931046	0	1.1938752	- 7	2.0493912	- 3
1.0999988	0	3.5366658	0	1.1692933	- 7	2.0749484	- 3
1.1000000	0	3.5366677	0	1.1692927	- 7	2.0749496	- 3
1.1241668	0	3.5753066	0	1.1566560	- 7	2.0976188	- 3
1.1267204	0	3.5793652	0	1.1553445	- 7	2.1000000	- 3
1.1267254	0	3.5793731	0	1.1553419	- 7	2.1000046	- 3
1.1397488	0	3.6000000	0	1.1487222	- 7	2.1121064	- 3
1.1752653	0	3.6556607	0	1.1312318	- 7	2.147623	- 3
1.1999986	0	3.6939270	0	1.1195131	- 7	2.1672130	- 3
1.2000000	0	3.6939282	0	1.1195125	- 7	2.1672142	- 3
1.2263637	0	3.7342862	0	1.1074137	- 7	2.1908915	- 3
1.5999980	- 3	1.0000013	0	1.2799992	- 6	1.2799992	- 6
1.6000000	- 3	1.0000013	0	1.2800025	- 6	1.2800025	- 6
1.6124500	- 3	1.0000013	0	1.3000000	- 6	1.3000000	- 6
1.6174802	- 3	1.0000013	0	1.3081236	- 6	1.3081236	- 6
1.6427472	- 3	1.0000013	0	1.3493119	- 6	1.3493119	- 6
1.6733183	- 3	1.0000014	0	1.4000000	- 6	1.4000000	- 6
1.6999975	- 3	1.0000014	0	1.4449990	- 6	1.4449990	- 6
1.7000000	- 3	1.0000014	0	1.4500031	- 6	1.4500031	- 6
1.7014165	- 3	1.0000014	0	1.4474123	- 6	1.4474123	- 6
1.7320489	- 3	1.0000015	0	1.5000000	- 6	1.5000000	- 6
1.7330141	- 3	1.0000015	0	1.5016723	- 6	1.5016723	- 6
1.7600859	- 3	1.0000015	0	1.54899548	- 6	1.54899548	- 6
1.7888522	- 3	1.0000016	0	1.6000000	- 6	1.6000000	- 6
1.7999971	- 3	1.0000016	0	1.6199987	- 6	1.6199987	- 6
1.8000000	- 3	1.0000016	0	1.6200039	- 6	1.6200039	- 6
1.8439065	- 3	1.0000017	0	1.7000000	- 6	1.7000000	- 6
1.8663224	- 3	1.0000017	0	1.7415843	- 6	1.7415843	- 6
1.8774246	- 3	1.0000018	0	1.7623661	- 6	1.7623661	- 6
1.8973640	- 3	1.0000018	0	1.8000000	- 6	1.8000000	- 6
1.8999966	- 3	1.0000018	0	1.8049984	- 6	1.8049984	- 6
1.9000000	- 3	1.0000018	0	1.85050049	- 6	1.85050049	- 6
1.9493561	- 3	1.0000019	0	1.9000000	- 6	1.9000000	- 6
1.9783818	- 3	1.0000020	0	1.9570031	- 6	1.9570031	- 6
1.9783828	- 3	1.0000020	0	1.9570050	- 6	1.9570050	- 6
1.9947631	- 3	1.0000020	0	1.9895459	- 6	1.9895459	- 6
1.9999960	- 3	1.0000020	0	1.9999980	- 6	1.9999980	- 6
1.9999970	- 3	1.0000020	0	2.0000000	- 6	2.0000000	- 6
2.0000000	- 3	1.0000020	0	2.0000060	- 6	2.0000060	- 6
2.0218487	- 3	1.0000020	0	2.0439424	- 6	2.0439424	- 6
2.0493869	- 3	1.0000021	0	2.1000000	- 6	2.1000000	- 6
2.0749440	- 3	1.0000022	0	2.1527032	- 6	2.1527032	- 6
2.0749451	- 3	1.0000022	0	2.1527055	- 6	2.1527055	- 6
2.0976142	- 3	1.0000022	0	2.2000000	- 6	2.2000000	- 6
2.0999954	- 3	1.0000022	0	2.2049976	- 6	2.2049976	- 6
2.1000000	- 3	1.0000022	0	2.2050073	- 6	2.2050073	- 6
2.1121016	- 3	1.0000022	0	2.2304941	- 6	2.2304941	- 6
2.1447574	- 3	1.0000023	0	2.3000000	- 6	2.3000000	- 6
2.1672079	- 3	1.0000023	0	2.3484033	- 6	2.3484033	- 6
2.1672091	- 3	1.0000023	0	2.3484060	- 6	2.3484060	- 6
2.1908863	- 3	1.0000024	0	2.4000000	- 6	2.4000000	- 6

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β
1.2365819	0	3.7498112	0	2.2000000	2.4199971	1.0000024	2.1999947
1.2365879	0	3.7498202	0	2.2000053	2.4200088	1.0000024	2.2000000
1.2365879	0	3.7498202	0	2.2000053	2.4200088	1.0000024	2.2000000
1.2429502	0	3.7594544	0	2.2056576	2.4324598	1.0000025	2.2056523
1.2699051	0	3.8000000	0	2.2294456	2.4852107	1.0000025	2.2294401
1.2774622	0	3.8112900	0	2.2360694	2.5000000	1.0000025	2.2360638
1.2999983	0	3.8447611	0	2.2557068	2.5441033	1.0000025	2.2557010
1.3000000	0	3.8447636	0	2.2557082	2.5441065	1.0000025	2.2557025
1.3285607	0	3.8867685	0	2.2803523	2.6000000	1.0000026	2.2803464
1.3515533	0	3.9202571	0	2.3000000	2.6449965	1.0000026	2.2999939
1.3515604	0	3.9202675	0	2.3000061	2.6450105	1.0000026	2.3000000
1.3796592	0	3.9608089	0	2.3237916	2.7000000	1.0000027	2.3237853
1.3999981	0	3.9898972	0	2.3408575	2.7398033	1.0000027	2.3408511
1.4000000	0	3.9898999	0	2.3408591	2.7398070	1.0000027	2.3408527
1.4070969	0	4.0000000	0	2.3467848	2.7536957	1.0000028	2.3467784
1.4307577	0	4.0334905	0	2.3664336	2.8000000	1.0000028	2.3664269
1.4716344	0	4.0907031	0	2.4000000	2.8799959	1.0000029	2.3999931
1.4716429	0	4.0907149	0	2.4000069	2.8800124	1.0000029	2.4000000
1.4818562	0	4.1048853	0	2.4083207	2.9000000	1.0000029	2.4083137
1.4999978	0	4.1299359	0	2.4230178	2.9355032	1.0000029	2.4230106
1.5000000	0	4.1299390	0	2.4230195	2.9355075	1.0000029	2.4230124
1.5039694	0	4.1353998	0	2.4262234	2.9432757	1.0000029	2.4262163
1.5329570	0	4.1750595	0	2.4494916	3.0000000	1.0000030	2.4494842
1.5513241	0	4.2000000	0	2.4641241	3.0359491	1.0000030	2.4641166
1.5968253	0	4.2611491	0	2.5000000	3.1249951	1.0000031	2.4999922
1.5968353	0	4.2611624	0	2.5000078	3.1250146	1.0000031	2.5000000
1.5999975	0	4.2653795	0	2.5024820	3.1312031	1.0000031	2.5024741
1.6000000	0	4.2653828	0	2.5024839	3.1312080	1.0000031	2.5024761
1.6351517	0	4.3119831	0	2.5298242	3.2000000	1.0000032	2.5298161
1.6664478	0	4.3530524	0	2.5539194	3.2612468	1.0000033	2.5539110
1.6999972	0	4.3966525	0	2.5794994	3.3269030	1.0000033	2.5794908
1.7000000	0	4.3966562	0	2.5795015	3.3269085	1.0000033	2.5794929
1.7025868	0	4.4000000	0	2.5814633	3.3319709	1.0000033	2.5814547
1.7271260	0	4.4315950	0	2.6000000	3.3799943	1.0000034	2.5999912
1.7271377	0	4.4316100	0	2.6000088	3.3800171	1.0000034	2.6000000
1.7373486	0	4.4446907	0	2.6076832	3.4000000	1.0000034	2.6076743
1.7999968	0	4.5241181	0	2.6542830	3.5226028	1.0000035	2.6542736
1.8000000	0	4.5241221	0	2.6542853	3.5226090	1.0000035	2.6542760
1.8395489	0	4.5735492	0	2.6832840	3.6000000	1.0000036	2.6832743
1.8567517	0	4.5948887	0	2.6958038	3.6336724	1.0000036	2.6957940
1.8608849	0	4.6000000	0	2.6988026	3.6417610	1.0000036	2.6987927

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β
1.8625365	0	4.6020410	8.9860126	2.7000000	3.6449934	1.0000036	2.6999902
1.8625501	0	4.6020578	8.9859798	2.7000098	3.6450199	1.0000036	2.7000000
1.8999965	0	4.6480895	8.8969883	2.7270165	3.7183026	1.0000037	2.7270064
1.9000000	0	4.6480939	8.8969800	2.7270190	3.7183095	1.0000037	2.7270089
1.9417426	0	4.6988754	8.8008289	2.7568124	3.8000000	1.0000038	2.7568019
1.9999961	0	4.7688392	8.6717115	2.7978559	3.9140024	1.0000039	2.7978490
2.0000000	0	4.7688439	8.6717030	2.7978626	3.9140100	1.0000039	2.7978517
2.0030569	0	4.7724869	8.6650836	2.8000000	3.9199923	1.0000039	2.7998980
2.0030726	0	4.7725057	8.6650496	2.8000110	3.9200230	1.0000039	2.8000000
2.0262183	0	4.8000000	8.6154163	2.8161418	3.9653195	1.0000040	2.8161306
2.0439396	0	4.8209447	8.5779865	2.8284300	4.0000000	1.0000040	2.8284186
2.0816174	0	4.8651763	8.5000000	2.8543805	4.0737356	1.0000041	2.8543688
2.0999957	0	4.8866061	8.4627239	2.8669533	4.1097021	1.0000041	2.8669415
2.1000000	0	4.8866111	8.4627152	2.8669562	4.1097105	1.0000041	2.8669444
2.1461366	0	4.9399985	8.3712573	2.8982784	4.2000000	1.0000042	2.8982662
2.1486870	0	4.9429329	8.3662876	2.9000000	4.2049912	1.0000042	2.8999878
2.1487050	0	4.9429537	8.3662524	2.9000122	4.2050265	1.0000042	2.9000000
2.1985872	0	5.0000000	8.2707997	2.9334810	4.3026463	1.0000043	2.9334684
2.1999953	0	5.0016008	8.2681525	2.9344202	4.3054018	1.0000043	2.9344076
2.2000000	0	5.0016062	8.2681436	2.9344234	4.3054110	1.0000043	2.9344108
2.2483335	0	5.0562499	8.1787884	2.9664827	4.4000000	1.0000044	2.9664696
2.2994268	0	5.1133789	8.0874113	3.0000000	4.4999899	1.0000045	2.9999865
2.2994475	0	5.1134019	8.0873749	3.0000135	4.5000304	1.0000045	3.0000000
2.2999948	0	5.1140104	8.0864127	3.0003705	4.5011014	1.0000045	3.0003570
2.3000000	0	5.1140161	8.0864036	3.0003739	4.5011115	1.0000045	3.0003604
2.3499502	0	5.1692498	8.0000000	3.0327793	4.5988644	1.0000046	3.0327653
2.3505305	0	5.1698880	7.9990125	3.0331537	4.6000000	1.0000046	3.0331397
2.3999944	0	5.2240017	7.9161534	3.0649020	4.6968010	1.0000047	3.0648876
2.4000000	0	5.2240078	7.9161441	3.0649056	4.6968120	1.0000047	3.0648912
2.4527275	0	5.2810813	7.8305930	3.0983904	4.8000000	1.0000048	3.0983755
2.4999939	0	5.3317244	7.7562146	3.1281025	4.8925006	1.0000049	3.1280872
2.5000000	0	5.3317309	7.7562051	3.1281063	4.8925125	1.0000049	3.1280910
2.5549245	0	5.3899813	7.6723825	3.1622816	5.0000000	1.0000050	3.1622658
2.5999934	0	5.4373133	7.6055941	3.1900511	5.0882001	1.0000051	3.1900349
2.6000000	0	5.4373202	7.6055845	3.1900552	5.0882130	1.0000051	3.1900369
2.6162360	0	5.4542708	7.5819481	3.2000000	5.1199869	1.0000051	3.1999836
2.6162627	0	5.4542987	7.5819093	3.2000164	5.1200393	1.0000051	3.2000000
2.6602894	0	5.5000000	7.5189088	3.268291	5.2061996	1.0000052	3.2268123
2.6737203	0	5.5138664	7.5000000	3.2349645	5.2348481	1.0000052	3.2349476
2.6999929	0	5.5408905	7.4634210	3.2508194	5.2838996	1.0000053	3.2508023

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β						
2.7000000	0	5.5408978	0	7.4634111	- 8	3.2508237	- 3	5.2839135	- 6	1.0000053	0	3.2508066	- 3
2.7999923	0	5.6425667	0	7.3289339	- 8	3.3104725	- 3	5.4795990	- 6	1.0000055	0	3.3104543	- 3
2.8000000	0	5.6425744	0	7.3289239	- 8	3.3104770	- 3	5.4796140	- 6	1.0000055	0	3.3104589	- 3
2.8104169	0	5.6530608	0	7.3153287	- 8	3.3166293	- 3	5.5000000	- 6	1.0000055	0	3.3166111	- 3
2.8999918	0	5.7424429	0	7.2014645	- 8	3.3690695	- 3	5.6752984	- 6	1.0000057	0	3.3690503	- 3
2.9000000	0	5.7424510	0	7.2014542	- 8	3.3690742	- 3	5.6753145	- 6	1.0000057	0	3.3690551	- 3
2.9534842	0	5.7951627	0	7.1359512	- 8	3.4000000	- 3	5.7799833	- 6	1.0000058	0	3.3999803	- 3
2.9535183	0	5.7951962	0	7.1359099	- 8	3.4000197	- 3	5.7800501	- 6	1.0000058	0	3.4000000	- 3
2.9999912	0	5.8406114	0	7.0804228	- 8	3.4266646	- 3	5.8709978	- 6	1.0000059	0	3.4266445	- 3
3.0000000	0	5.8406200	0	7.0804124	- 8	3.4266696	- 3	5.8710150	- 6	1.0000059	0	3.4266495	- 3
3.0659094	0	5.9044302	0	7.0038932	- 8	3.4641068	- 3	6.0000000	- 6	1.0000060	0	3.4640860	- 3
3.0693206	0	5.9077140	0	7.0000000	- 8	3.4660334	- 3	6.0066758	- 6	1.0000060	0	3.4660126	- 3
3.1659626	0	6.0000000	0	6.8923330	- 8	3.5201773	- 3	6.1958048	- 6	1.0000062	0	3.5201554	- 3
3.1999900	0	6.0321575	0	6.8555899	- 8	3.5390440	- 3	6.2623964	- 6	1.0000063	0	3.5390218	- 3
3.2000000	0	6.0321670	0	6.8555792	- 8	3.5390495	- 3	6.2624160	- 6	1.0000063	0	3.5390273	- 3
3.3111714	0	6.1360546	0	6.7395094	- 8	3.6000000	- 3	6.4799790	- 6	1.0000065	0	3.5999767	- 3
3.3112143	0	6.1360944	0	6.7394658	- 8	3.6000233	- 3	6.4800630	- 6	1.0000065	0	3.6000000	- 3
3.3214018	0	6.1455266	0	6.7291221	- 8	3.6055571	- 3	6.5000000	- 6	1.0000065	0	3.6055337	- 3
3.3999887	0	6.2178057	0	6.6508991	- 8	3.6479630	- 3	6.6537949	- 6	1.0000067	0	3.6479387	- 3
3.4000000	0	6.2178160	0	6.6508881	- 8	3.6479691	- 3	6.6538171	- 6	1.0000067	0	3.6479448	- 3
3.5596837	0	6.3621536	0	6.5000000	- 8	3.7326514	- 3	6.9663189	- 6	1.0000070	0	3.7326254	- 3
3.5768943	0	6.3775151	0	6.4843434	- 8	3.7416639	- 3	7.0000000	- 6	1.0000070	0	3.7416377	- 3
3.5999873	0	6.3980692	0	6.4635122	- 8	3.7537230	- 3	7.0451932	- 6	1.0000070	0	3.7536965	- 3
3.6000000	0	6.3980805	0	6.4635008	- 8	3.7537296	- 3	7.0452181	- 6	1.0000070	0	3.7537031	- 3
3.6892976	0	6.4769466	0	6.3847984	- 8	3.8000000	- 3	7.2199739	- 6	1.0000072	0	3.7999726	- 3
3.6893509	0	6.4769933	0	6.3847523	- 8	3.8000274	- 3	7.2200782	- 6	1.0000072	0	3.8000000	- 3
3.7156069	0	6.5000000	0	6.3621536	- 8	3.8135254	- 3	7.2714614	- 6	1.0000073	0	3.8134976	- 3
3.7999859	0	6.5733913	0	6.2911208	- 8	3.8565837	- 3	7.4365914	- 6	1.0000074	0	3.8565551	- 3
3.8000000	0	6.5734035	0	6.2911091	- 8	3.8565909	- 3	7.4366191	- 6	1.0000074	0	3.8565622	- 3
3.8323867	0	6.6013561	0	6.2644701	- 8	3.8729906	- 3	7.5000000	- 6	1.0000075	0	3.8729616	- 3
3.9999843	0	6.7441571	0	6.1318260	- 8	3.9567714	- 3	7.8279894	- 6	1.0000078	0	3.9567405	- 3
4.0000000	0	6.7441703	0	6.1318140	- 8	3.9567792	- 3	7.8280201	- 6	1.0000078	0	3.9567482	- 3
4.0878628	0	6.8178385	0	6.0655585	- 8	4.0000000	- 3	7.9999680	- 6	1.0000080	0	3.9999680	- 3
4.0878791	0	6.8178521	0	6.0655464	- 8	4.0000080	- 3	8.0000000	- 6	1.0000080	0	3.9999760	- 3
4.0879282	0	6.8178930	0	6.0655100	- 8	4.0000320	- 3	8.0000960	- 6	1.0000080	0	4.0000000	- 3
4.1776819	0	6.8923330	0	6.0000000	- 8	4.0437057	- 3	8.1757444	- 6	1.0000082	0	4.0436726	- 3
4.1999827	0	6.9107046	0	5.9840495	- 8	4.0544842	- 3	8.2193873	- 6	1.0000082	0	4.0544509	- 3
4.2000000	0	6.9107188	0	5.9840372	- 8	4.0544925	- 3	8.2194211	- 6	1.0000082	0	4.0544592	- 3
4.3092221	0	7.0000000	0	5.9077140	- 8	4.1068735	- 3	8.4331693	- 6	1.0000084	0	4.1068388	- 3
4.3433716	0	7.0276820	0	5.8844436	- 8	4.1231144	- 3	8.5000000	- 6	1.0000085	0	4.1230793	- 3

V	V*	H _P	λ	p*	E*	W*	β
4.3999811	0	7.0733317	0	4.1498969	8.6107850	1.0000086	4.1498611
4.4000000	0	7.0733469	0	4.1499058	8.6108221	1.0000086	4.1498701
4.5068669	0	7.1587304	0	4.2000000	8.8199611	1.0000088	4.1999630
4.5069464	0	7.1587936	0	4.2000370	8.8201167	1.0000088	4.2000000
4.5988640	0	7.2314260	0	4.2426502	9.0000000	1.0000090	4.2426120
4.5999793	0	7.2323028	0	4.2431646	9.0021826	1.0000090	4.2431264
4.6000000	0	7.2323191	0	4.2431742	9.0022231	1.0000090	4.2431360
4.7999775	0	7.3878540	0	4.3344259	9.3935800	1.0000094	4.3343852
4.8000000	0	7.3878713	0	4.3344361	9.3936241	1.0000094	4.3343954
4.8543565	0	7.4295849	0	4.3589093	9.5000000	1.0000095	4.3588679
4.9463098	0	7.4996223	0	4.4000000	9.6799532	1.0000097	4.3999574
4.9464056	0	7.4996949	0	4.4000426	9.6801406	1.0000097	4.4000000
4.9468080	0	7.5000000	0	4.4002216	9.6809281	1.0000097	4.4001790
4.9717828	0	7.5189088	0	4.4113153	9.7298039	1.0000097	4.4112724
4.9999755	0	7.5401969	0	4.4238049	9.7849772	1.0000098	4.4237617
5.0000000	0	7.5402154	0	4.4238158	9.7850251	1.0000098	4.4237725
5.1098489	0	7.6225942	0	4.4721471	1.0000000	1.0000100	4.4721024
5.4061916	0	7.8405143	0	4.6000000	1.0579944	1.0000106	4.5999513
5.4063060	0	7.8405972	0	4.6000487	1.0580168	1.0000106	4.6000000
5.4999704	0	7.9082252	0	4.6397258	1.0763470	1.0000108	4.6396758
5.5000000	0	7.9082465	0	4.6397382	1.0763528	1.0000108	4.6396883
5.6208338	0	7.9946463	0	4.6904287	1.1000000	1.0000110	4.6903771
5.6283645	0	8.0000000	0	4.6935697	1.1014737	1.0000110	4.6935180
5.8865121	0	8.1814062	0	4.8000000	1.1519934	1.0000115	4.7999447
5.8866477	0	8.1815004	0	4.8000553	1.1520199	1.0000115	4.8000000
5.9999648	0	8.2598719	0	4.8460355	1.1741961	1.0000117	4.8459786
6.0000000	0	8.2598961	0	4.8460497	1.1742030	1.0000117	4.8459928
6.0158511	0	8.2707997	0	4.8524468	1.1773051	1.0000118	4.8523897
6.1318187	0	8.3501378	0	4.8989942	1.2000000	1.0000120	4.8989354
6.3538913	0	8.5000000	0	4.8651763	1.2434597	1.0000124	4.9868558
6.3872713	0	8.5222981	0	5.0000000	1.2499922	1.0000125	4.9999375
6.3874309	0	8.5224046	0	5.0000625	1.2500234	1.0000125	5.0000000
6.4999587	0	8.5971472	0	5.0439137	1.2720452	1.0000127	5.0438495
6.5000000	0	8.5971746	0	5.0439297	1.2720533	1.0000127	5.0438656
6.5276129	0	8.6154163	0	5.0546321	1.2774571	1.0000128	5.0545675
6.6428036	0	8.6911011	0	5.0990361	1.3000000	1.0000130	5.0989698
6.9999521	0	8.9216813	0	5.2343166	1.3698941	1.0000137	5.2342449
7.0000000	0	8.9217118	0	5.2343345	1.3699035	1.0000137	5.2342628
7.1075669	0	8.9899996	0	5.2743987	1.3909544	1.0000139	5.2743253
7.1233883	0	9.0000000	0	5.2802659	1.3940507	1.0000139	5.2801923

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β
7.1537885	0	9.0191841	0	5.2915211	- 3	1.0000140	5.2914471
7.4999450	0	9.2348175	0	5.4180324	- 3	1.0000147	5.4179529
7.5000000	0	9.2348514	0	5.4180523	- 3	1.0000147	5.4179728
7.6647734	0	9.3357449	0	5.4772461	- 3	1.0000150	5.4771640
7.7285881	0	9.3745279	0	5.5000000	- 3	1.0000151	5.4999168
7.7288219	0	9.3746697	0	5.5000932	- 3	1.0000151	5.5000000
7.7683894	0	9.3986360	0	5.5141441	- 3	1.0000152	5.5140603
7.9368554	0	9.5000000	0	5.5736140	- 3	1.0000155	5.5735274
7.9999374	0	9.5376785	0	5.5957198	- 3	1.0000157	5.5956322
8.0000000	0	9.5377158	0	5.5957417	- 3	1.0000157	5.5956541
8.1757583	0	9.6419182	0	5.6568769	- 3	1.0000160	5.6567864
8.4999293	0	9.8312140	0	5.7679360	- 3	1.0000166	5.7678400
8.5000000	0	9.8312548	0	5.7679599	- 3	1.0000166	5.7678640
8.5258451	0	9.8461901	0	5.7767224	- 3	1.0000167	5.7766260
8.6867432	0	9.9386643	0	5.8309767	- 3	1.0000170	5.8308765
8.7942922	0	1.0000000	1	5.8669621	- 3	1.0000172	5.8668611
8.9999207	0	1.0116236	1	5.9351571	- 3	1.0000176	5.9350526
9.0000000	0	1.0116280	1	5.9351833	- 3	1.0000176	5.9350787
9.1977281	0	1.0226758	1	6.0000000	- 3	1.0000180	5.9998920
9.1977281	0	1.0226804	1	6.0000270	- 3	1.0000180	5.9999190
9.1979764	0	1.0226942	1	6.0001080	- 3	1.0000180	6.0000000
9.3997362	0	1.0338500	1	6.0655585	- 3	1.0000184	6.0654469
9.4999117	0	1.0393444	1	6.0977943	- 3	1.0000186	6.0976809
9.5000000	0	1.0393492	1	6.0978226	- 3	1.0000186	6.0977093
9.7087130	0	1.0507045	1	6.1644433	- 3	1.0000190	6.1643262
9.9999022	0	1.0000000	1	6.2562049	- 3	1.0000196	6.2560825
1.0000000	1	1.0663449	1	6.2562356	- 3	1.0000196	6.2561131
1.0219698	1	1.0780003	1	6.3245869	- 3	1.0000200	6.3244605
1.0415210	1	1.0415316	1	6.3847984	- 3	1.0000204	6.3846683
1.0641074	1	1.1000000	1	6.4536583	- 3	1.0000208	6.4535239
1.0730683	1	1.1046219	1	6.4807747	- 3	1.0000210	6.4806386
1.0794442	1	1.1078988	1	6.5000000	- 3	1.0000211	6.4998627
1.0794898	1	1.1079222	1	6.5001373	- 3	1.0000211	6.5000000
1.0999882	1	1.1183919	1	6.5615631	- 3	1.0000215	6.5614219
1.1000000	1	1.1000118	1	6.5615984	- 3	1.0000215	6.5614572
1.1241668	1	1.1241791	1	6.6332861	- 3	1.0000220	6.6331401
1.1604587	1	1.1604719	1	6.7395094	- 3	1.0000227	6.7393564
1.1752788	1	1.1560274	1	6.7823690	- 3	1.0000230	6.7822130
1.1999859	1	1.1681223	1	6.8533291	- 3	1.0000235	6.8531682
1.2000000	1	1.1681291	1	6.8533694	- 3	1.0000235	6.8532084

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β
1.263637	1	1.1808914	3.5019308	6.9282448	2.4000000	1.0000240	6.9280785
1.2518977	1	1.1931217	3.4660334	7.0000000	2.4499700	1.0000245	6.9998285
1.2519590	1	1.1931510	3.4659485	7.0001715	2.4500900	1.0000245	7.0000000
1.2663733	1	1.2000000	3.4461665	7.0403545	2.4782989	1.0000248	7.0401800
1.2774622	1	1.2052425	3.4311766	7.0711120	2.5000000	1.0000250	7.0709352
1.2999835	1	1.2158202	3.4013251	7.1331711	2.5440742	1.0000254	7.1329897
1.3000000	1	1.2158280	3.4013035	7.1332165	2.5441065	1.0000254	7.1330350
1.3009969	1	1.2162941	3.4000000	7.1359512	2.5460576	1.0000255	7.1357695
1.3285607	1	1.2291113	3.3645446	7.2111494	2.6000000	1.0000260	7.2109619
1.3796592	1	1.2525254	3.3016496	7.3485188	2.7000000	1.0000270	7.3483204
1.3999808	1	1.2617163	3.2775989	7.4024415	2.7397695	1.0000274	7.4022387
1.4000000	1	1.2617249	3.2775764	7.4024922	2.7398070	1.0000274	7.4022894
1.4307577	1	1.2755097	3.2421547	7.4833672	2.8000000	1.0000280	7.4831576
1.4371248	1	1.2783447	3.2349645	7.5000000	2.8124605	1.0000281	7.4997891
1.4372056	1	1.2783807	3.2348736	7.5002109	2.8126187	1.0000281	7.5000000
1.4687012	1	1.2923124	3.2000000	7.5819481	2.8742556	1.0000287	7.5817302
1.4818562	1	1.2980872	3.1857643	7.6158283	2.9000000	1.0000290	7.6156075
1.4862266	1	1.3000000	3.1810768	7.6270507	2.9085528	1.0000291	7.6268289
1.4999780	1	1.3060004	3.1664613	7.6622549	2.9354644	1.0000294	7.6620300
1.5000000	1	1.3060100	3.1664381	7.6623111	2.9355075	1.0000294	7.6620862
1.5329547	1	1.3202786	3.1322175	7.7460248	3.0000000	1.0000300	7.7457924
1.5999750	1	1.3488314	3.0659130	7.9135429	3.1311590	1.0000313	7.9132951
1.6000000	1	1.3488420	3.0658890	7.9136048	3.1312080	1.0000313	7.9133570
1.6351255	1	1.3635677	3.0327793	8.0000000	3.1999488	1.0000320	7.9997440
1.6351517	1	1.3635786	3.0327550	8.0000640	3.2000000	1.0000320	7.9998080
1.6351778	1	1.3636113	3.0326822	8.0002560	3.2001536	1.0000320	8.0000000
1.6352302	1	1.3784666	3.0000000	8.0874113	3.2702576	1.0000327	8.0871469
1.6710523	1	1.3784666	2.9743725	8.1570933	3.3268532	1.0000333	8.1568219
1.6999717	1	1.3903436	2.9743478	8.1571611	3.3269085	1.0000333	8.1568897
1.7000000	1	1.3903552	2.9538570	8.2137469	3.3732250	1.0000337	8.2134699
1.7236670	1	1.4000000	2.9422030	8.2462813	3.4000000	1.0000340	8.2460010
1.7373486	1	1.4055454	2.9000000	8.3662876	3.4996772	1.0000350	8.3659948
1.7882822	1	1.4259999	2.8905705	8.3935797	3.5225470	1.0000352	8.3932841
1.7999683	1	1.4306518	2.8905451	8.3936536	3.5226090	1.0000352	8.3933580
1.8000000	1	1.4306644	2.8593060	8.4853577	3.6000000	1.0000360	8.4850523
1.8395456	1	1.4462950	2.8543805	8.5000000	3.6124348	1.0000361	8.4996930
1.8458996	1	1.4487907	2.8542774	8.5003071	3.6126958	1.0000361	8.5000000
1.8460330	1	1.4488430	2.8134747	8.6235834	3.7182404	1.0000372	8.6232628
1.8999647	1	1.4698550	2.8134486	8.6236636	3.7183095	1.0000372	8.6233429
1.9000000	1	1.4698686	2.8000000	8.6650836	3.7541132	1.0000375	8.6647583
1.9182951	1	1.4769285					

V	V*	Hρ	λ	p*	E*	W*	β				
1.9417426	1	1.4859276	2.7830427	8	8.7178807	3.8000000	5	1.0000380	0	8.7175494	-3
1.9786945	1	1.5000000	2.7569332	8	8.8004431	3.8723150	5	1.0000387	0	8.8001024	-3
1.9999609	1	1.5080394	2.7422360	8	8.8476099	3.9139334	5	1.0000391	0	8.8472636	-3
2.0000000	1	1.5080541	2.7422091	8	8.8476965	3.9140100	5	1.0000391	0	8.8473502	-3
2.0439396	1	1.5245303	2.7125731	8	8.94443613	4.0000000	5	1.0000400	0	8.9440036	-3
2.0630196	1	1.5316296	2.7000000	8	8.9860126	4.0373396	5	1.0000404	0	8.9856498	-3
2.0694469	1	1.5340137	2.6958038	8	9.0000000	4.0499180	5	1.0000405	0	8.9996355	-3
2.0696145	1	1.5340758	2.6956946	8	9.0003645	4.0502461	5	1.0000405	0	9.0000000	-3
2.0999568	1	1.5452805	2.6761483	8	9.0661023	4.1096261	5	1.0000411	0	9.0657297	-3
2.1000000	1	1.5452964	2.6761208	8	9.0661954	4.1097105	5	1.0000411	0	9.0658229	-3
2.1461366	1	1.5621795	2.6471990	8	9.1652476	4.2000000	5	1.0000420	0	9.1648627	-3
2.1999526	1	1.5816450	2.6146194	8	9.2794515	4.3053184	5	1.0000431	0	9.2790520	-3
2.2000000	1	1.5816621	2.6145913	8	9.2795514	4.3054110	5	1.0000431	0	9.2791519	-3
2.2247617	1	1.5905384	2.6000000	8	9.3316285	4.3538697	5	1.0000435	0	9.3312222	-3
2.2483335	1	1.5989424	2.5863344	8	9.3809347	4.4000000	5	1.0000440	0	9.3805220	-3
2.2513086	1	1.6000000	2.5846249	8	9.3871393	4.4058222	5	1.0000441	0	9.3867258	-3
2.2999482	1	1.6171921	2.5571482	8	9.4880046	4.5010102	5	1.0000450	0	9.4875775	-3
2.3000000	1	1.6172103	2.5571194	8	9.4881113	4.5011115	5	1.0000450	0	9.4876843	-3
2.3057673	1	1.6192366	2.5539194	8	9.5000000	4.5123982	5	1.0000451	0	9.4995713	-3
2.3059754	1	1.6193097	2.5538041	8	9.5004287	4.5128055	5	1.0000451	0	9.5000000	-3
2.3505305	1	1.6348790	2.5294837	8	9.5917733	4.6000000	5	1.0000460	0	9.5913321	-3
2.3999436	1	1.6519744	2.5033075	8	9.6920710	4.6967017	5	1.0000470	0	9.6916158	-3
2.4000000	1	1.6519938	2.5032781	8	9.6921848	4.6968120	5	1.0000470	0	9.6917296	-3
2.4062979	1	1.6541599	2.5000000	8	9.7048936	4.7091371	5	1.0000471	0	9.7044366	-3
2.4527275	1	1.6700426	2.4762242	8	9.7980765	4.8000000	5	1.0000480	0	9.7976063	-3
2.4999388	1	1.6860393	2.4527304	8	9.8919286	4.8923929	5	1.0000489	0	9.8914446	-3
2.5000000	1	1.6860599	2.4527004	8	9.8920496	4.8925125	5	1.0000489	0	9.8915656	-3
2.5415091	1	1.7000000	2.4325881	8	9.9738356	4.9737461	5	1.0000497	0	9.9733395	-3
2.5548606	1	1.7044596	2.4262234	8	1.0000000	4.9998750	5	1.0000500	0	9.9995000	-3
2.5549245	1	1.7044809	2.4261931	8	1.0000125	5.0000000	5	1.0000500	0	9.9996250	-3
2.5551161	1	1.7045449	2.4261021	8	1.0000500	5.0003750	5	1.0000500	0	1.0000000	-2
2.5999339	1	1.7194294	2.4051000	8	1.0087827	5.0880836	5	1.0000509	0	1.0087314	-2
2.6000000	1	1.7194513	2.4050694	8	1.0087956	5.0882130	5	1.0000509	0	1.0087442	-2
2.6109951	1	1.7230833	2.4000000	8	1.0109264	5.1097306	5	1.0000511	0	1.0108748	-2
2.6999287	1	1.7521834	2.3601409	8	1.0279994	5.2837740	5	1.0000528	0	1.0279451	-2
2.7000000	1	1.7522066	2.3601098	8	1.0280130	5.2839135	5	1.0000528	0	1.0279586	-2
2.7999233	1	1.7843363	2.3176124	8	1.0468633	5.4794639	5	1.0000548	0	1.0468060	-2
2.8000000	1	1.7843607	2.3175806	8	1.0468777	5.4796140	5	1.0000548	0	1.0468203	-2
2.8104169	1	1.7876769	2.3132814	8	1.0488233	5.5000000	5	1.0000550	0	1.0487656	-2
2.8429674	1	1.7979999	2.3000000	8	1.0548797	5.5637016	5	1.0000556	0	1.0548211	-2

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β
2.8492958	1	1.8000000	2.2974443	— 8	1.0560532	— 2	1.0559943
2.8999177	1	1.8159199	2.2773030	— 8	1.0653933	— 5	1.0653329
2.9000083	1	1.8159456	2.2772707	— 8	1.0654084	— 2	1.0653480
2.9999119	1	1.8469635	2.2390263	— 8	1.0836065	— 2	1.0835429
3.0000000	1	1.8469906	2.2389934	— 8	1.0836224	— 2	1.0835588
3.0659094	1	1.8671700	2.2147956	— 8	1.0954615	— 2	1.0953958
3.0913651	1	1.8749056	2.2056576	— 8	1.1000000	— 5	1.0999335
3.0917392	1	1.8750190	2.2055242	— 8	1.1000666	— 2	1.0999335
3.1072849	1	1.8797272	2.2000000	— 8	1.1028288	— 2	1.1000000
3.1746682	1	1.9000000	2.1765262	— 8	1.1147228	— 2	1.1027618
3.1998998	1	1.9075357	2.1679279	— 8	1.1191440	— 2	1.1146535
3.2000000	1	1.9075656	2.1678939	— 8	1.1191615	— 2	1.1190739
3.3214018	1	1.9434146	2.1279041	— 8	1.1401940	— 2	1.1190914
3.3998869	1	1.9662428	2.1031990	— 8	1.1535872	— 2	1.1401198
3.4000000	1	1.9662755	2.1031640	— 8	1.1536064	— 2	1.1535104
3.4102527	1	1.9692380	2.1000000	— 8	1.1553445	— 2	1.1535296
3.5176261	1	2.0000000	2.0676999	— 8	1.1733924	— 2	1.1552674
3.5768943	1	2.0167791	2.0504971	— 8	1.1832367	— 2	1.1733116
3.5998732	1	2.032471	2.0439420	— 8	1.1870314	— 2	1.1831538
3.6000000	1	2.032828	2.0439060	— 8	1.1870523	— 2	1.1869478
3.6790912	1	2.0453515	2.0218528	— 8	1.2000000	— 2	1.1869687
3.6794886	1	2.0454988	2.0217073	— 8	1.2000864	— 2	1.1999136
3.7597907	1	2.0676999	2.0000000	— 8	1.2131117	— 2	1.2000000
3.7998587	1	2.0786888	1.9894271	— 8	1.2195589	— 2	1.2130224
3.8000000	1	2.0787275	1.9893901	— 8	1.2195815	— 2	1.2194682
3.8323867	1	2.0875673	1.9809660	— 8	1.2247678	— 2	1.2194908
3.8781691	1	2.1000000	1.9692380	— 8	1.2320620	— 2	1.2246760
3.9998435	1	2.1326897	1.9390536	— 8	1.2512410	— 2	1.2319685
4.0000000	1	2.1327315	1.9390157	— 8	1.2512655	— 2	1.2511431
4.0808791	1	2.1560330	1.9180597	— 8	1.2649364	— 2	1.2511675
4.1659565	1	2.1765262	1.9000000	— 8	1.2769597	— 2	1.2648352
4.1998274	1	2.1853567	1.8923226	— 8	1.2821405	— 2	1.2768556
4.2000000	1	2.1854016	1.8922837	— 8	1.2821668	— 2	1.2820351
4.2562968	1	2.2000000	1.8797272	— 8	1.2907317	— 2	1.2820614
4.3176399	1	2.2157975	1.8663257	— 8	1.3000000	— 2	1.2906242
4.3183697	1	2.2159848	1.8661680	— 8	1.3001099	— 2	1.2998902
4.3433716	1	2.2223907	1.8607889	— 8	1.3038682	— 2	1.3000000
4.3998106	1	2.2367839	1.8488151	— 8	1.3123126	— 2	1.3037574
4.4000000	1	2.2368320	1.8487753	— 8	1.3123409	— 2	1.3121996
4.5988640	1	2.2868240	1.8083595	— 8	1.3416710	— 2	1.3122279
							1.3415502

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β
4.5997930	1	2.2870550	1.8081768	1.3418065	9.0018179	0	1.3416857
4.6000000	1	2.2871064	1.8081362	1.3418367	9.0022231	0	1.3417159
4.6416769	1	2.2974443	1.8000000	1.3479019	9.0837850	0	1.3477795
4.6520089	1	2.3000000	1.7979999	1.3494013	9.1040047	0	1.3492784
4.7997746	1	2.3362446	1.7701057	1.3706658	9.3931829	0	1.3705371
4.8000000	1	2.3362994	1.7700641	1.3706980	9.3936241	0	1.3705693
4.8543565	1	2.3494913	1.7601257	1.3784376	9.5000000	0	1.3783067
4.9997554	1	2.3844196	1.7343423	1.3989300	9.7845464	0	1.3987931
5.0000000	1	2.3844780	1.7342999	1.3989642	9.7850251	0	1.3988273
5.0074066	1	2.3862435	1.7330167	1.4000000	9.7995199	0	1.3998628
5.0083882	1	2.3864774	1.7328469	1.4001372	9.8014408	0	1.4000000
5.0653049	1	2.4000000	1.7230833	1.4080709	9.9128270	0	1.4079313
5.1098489	1	2.4101044	1.7155561	1.4142489	1.0000000	0	1.4141075
5.2037891	1	2.4325881	1.7000000	1.4271902	1.0183841	0	1.4270449
5.4961843	1	2.5000000	1.6541599	1.4667405	1.0756060	0	1.4665828
5.4997040	1	2.5080004	1.6536305	1.4672101	1.0762948	0	1.4670522
5.5000000	1	2.5086777	1.6535860	1.4672496	1.0763528	0	1.4670917
5.6208338	1	2.5281917	1.6357145	1.4832805	1.1000000	0	1.4831173
5.7482567	1	2.5566894	1.6174823	1.5000000	1.1249367	0	1.4998313
5.7495503	1	2.5569771	1.6173003	1.5001688	1.1251899	0	1.5000000
5.8744514	1	2.5846249	1.6000000	1.5163896	1.1496527	0	1.5162153
5.9446469	1	2.6000000	1.5905384	1.5254101	1.1633704	0	1.5252327
5.9996478	1	2.6120008	1.5832307	1.5324510	1.1741341	0	1.5322711
6.0000000	1	2.6120775	1.5831842	1.5324960	1.1742030	0	1.5323160
6.1318187	1	2.6406167	1.5660735	1.5492398	1.2009000	0	1.5490539
6.4106921	1	2.7000000	1.5316296	1.5840098	1.2545757	0	1.5838811
6.4995866	1	2.7186567	1.5211188	1.5950256	1.2719724	0	1.5948227
6.5000000	1	2.7187431	1.5210705	1.5950763	1.2720533	0	1.5948734
6.5401881	1	2.7271354	1.5163896	1.6000000	1.2799181	0	1.5997952
6.5418627	1	2.7274845	1.5161955	1.6002048	1.2802458	0	1.6000000
6.6428036	1	2.7484479	1.5046310	1.6125040	1.3000000	0	1.6122944
6.6838812	1	2.7569332	1.5000000	1.6174823	1.3080389	0	1.6172707
6.8943193	1	2.8000000	1.4769285	1.6427494	1.3492218	0	1.6425278
6.9995206	1	2.8212833	1.4657868	1.6552362	1.3698097	0	1.6550095
7.0000000	1	2.8213800	1.4657366	1.6552929	1.3699035	0	1.6550662
7.1537885	1	2.8522063	1.4498951	1.6733786	1.4000000	0	1.6731444
7.3831983	1	2.8975814	1.4271902	1.7000000	1.4448956	0	1.6997544
7.3853325	1	2.8980002	1.4269840	1.7002457	1.4453133	0	1.7000000
7.3955282	1	2.9000000	1.4259999	1.7014190	1.4473086	0	1.7011728
7.4994497	1	2.9203057	1.4160846	1.7133323	1.4676461	0	1.7130809

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β
7.5000000	1	2.9204129	1.4160326	1.7133952	1.4677538	1.0001468	1.7131437
7.6647734	1	2.9523214	1.4007282	1.7321158	1.5000000	1.0001500	1.7318560
7.6727485	1	2.9538570	1.4000000	1.7330167	1.5015607	1.0001502	1.7327565
7.9143182	1	3.0000000	1.3784666	1.7600886	1.5488360	1.0001549	1.7598161
7.9993739	1	3.0160788	1.3711180	1.7695220	1.5654815	1.0001565	1.7692450
8.0000000	1	3.0160788	1.3711180	1.7695220	1.5654815	1.0001565	1.7692450
8.0000000	1	8.0006262	1.3710643	1.7695912	1.5656040	1.0001566	1.7693142
8.1757583	1	8.1764124	1.3562459	1.7889259	1.6000000	1.0001600	1.7886398
8.1727849	1	3.0491520	1.3479019	1.8000000	1.6198688	1.0001620	1.7997085
8.2799674	1	3.0680273	1.3479019	1.8000000	1.6198688	1.0001620	1.7997085
8.2799674	1	3.0685245	1.3476835	1.8002917	1.6203938	1.0001620	1.8000000
8.4992931	1	3.1089028	1.3301798	1.8239815	1.6633159	1.0001663	1.8236782
8.5000000	1	8.5000000	1.3301798	1.8239815	1.6633159	1.0001663	1.8236782
8.5000000	1	8.5007070	1.3301245	1.8240574	1.6634543	1.0001663	1.8237540
8.6867432	1	3.1090321	1.3157485	1.8439873	1.7000000	1.0001700	1.8436738
8.6867432	1	3.1430018	1.3157485	1.8439873	1.7000000	1.0001700	1.8436738
8.8984655	1	3.1810768	1.3000000	1.8663257	1.7414342	1.0001741	1.8660007
8.9992076	1	3.1990346	1.2927024	1.8768615	1.7611494	1.0001761	1.8765310
9.0000000	1	3.1991755	1.2926455	1.8769441	1.7613045	1.0001761	1.8766136
9.0000000	1	9.0007926	1.2926455	1.8769441	1.7613045	1.0001761	1.8766136
9.0046393	1	3.2000000	1.2923124	1.8774279	1.7622124	1.0001762	1.8770971
9.1977281	1	3.2341303	1.2786745	1.8974520	1.8000000	1.0001805	1.8971105
9.2224451	1	3.2384733	1.2769059	1.9000000	1.8048371	1.0001805	1.8996571
9.2257753	1	3.2390580	1.2767292	1.9003430	1.8054889	1.0001805	1.9000000
9.4991171	1	3.2866956	1.2582242	1.9282919	1.8589820	1.0001859	1.9279335
9.5000000	1	9.5000000	1.2582242	1.9282919	1.8589820	1.0001859	1.9279335
9.5000831	1	3.2868484	1.2581657	1.9283815	1.8591548	1.0001859	1.9280230
9.7087130	1	3.3227613	1.2445672	1.9494515	1.9000000	1.0001900	1.9490811
9.9990217	2	3.3720786	1.2263652	1.9783857	1.9568136	1.0001957	1.9779987
1.0000000	2	3.3722435	1.2263052	1.9784825	1.9570050	1.0001957	1.9780954
1.0165278	2	3.4000000	1.2162941	1.9947671	1.9893500	1.0001989	1.9943704
1.0218676	2	3.4089192	1.2131117	2.0000000	1.9998000	1.0002000	1.9996001
1.0219698	2	3.4090897	1.2130510	2.0001000	1.9998000	1.0002000	1.9997001
1.0222765	2	3.4096012	1.2128691	2.0004001	2.0006002	1.0002001	2.0000000
1.0443180	2	3.4461665	1.2000000	2.0218528	2.0437356	1.0002044	2.0214397
1.0730683	2	3.4932862	1.1838136	2.0494977	2.1000000	1.0002100	2.0490674
1.0998816	2	3.5366658	1.1692933	2.0749484	2.1524739	1.0002152	2.0745019
1.1000000	2	3.5368562	1.1692304	2.0750601	2.1527055	1.0002153	2.0746135
1.1241668	2	3.5755013	1.1565930	2.0977331	2.2000000	1.0002200	2.0972717
1.1265975	2	3.5793652	1.1553445	2.1000000	2.2047570	1.0002205	2.0995371
1.1270945	2	3.5801547	1.1550897	2.1004632	2.2057296	1.0002206	2.1000000
1.1396230	2	3.6000000	1.1487222	2.1121064	2.2302479	1.0002230	2.1116354
1.1752653	2	3.6558688	1.1311675	2.1448844	2.3000000	1.0002300	2.1443912
1.1998591	2	3.6939270	1.1195131	2.1672130	2.3481303	1.0002348	2.1667042
1.2000000	2	3.6941439	1.1194474	2.1673402	2.3484060	1.0002348	2.1668313
1.2263637	2	3.7345080	1.1073480	2.1910217	2.4000000	1.0002400	2.1904960

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β						
1.2364339	2	3.7498112	1	1.1028288	- 8	2.2000000	- 2	2.4197073	- 4	1.0002420	0	2.1994678	- 2
1.2370325	2	3.7507190	1	1.1025619	- 8	2.2005326	- 2	2.4208788	- 4	1.0002421	0	2.2000000	- 2
1.2428006	2	3.7594544	1	1.1000000	- 8	2.2056576	- 2	2.4321670	- 4	1.0002432	0	2.2051213	- 2
1.2697490	2	3.8000000	1	1.0882631	- 8	2.2294456	- 2	2.4849051	- 4	1.0002485	0	2.2288917	- 2
1.2774622	2	3.8115258	1	1.0849723	- 8	2.2362077	- 2	2.5000000	- 4	1.0002500	0	2.2356488	- 2
1.2998347	2	3.8447611	1	1.0755934	- 8	2.2557068	- 2	2.5437830	- 4	1.0002544	0	2.2551331	- 2
1.3000000	2	3.8450056	1	1.0755250	- 8	2.2558502	- 2	2.5441065	- 4	1.0002544	0	2.2552765	- 2
1.3285607	2	3.8870186	1	1.0639002	- 8	2.2804991	- 2	2.6000000	- 4	1.0002600	0	2.2799063	- 2
1.3513763	2	3.9202571	1	1.0548797	- 8	2.3000000	- 2	2.6446503	- 4	1.0002645	0	2.2993919	- 2
1.3520915	2	3.9212945	1	1.0546007	- 8	2.3006086	- 2	2.6460499	- 4	1.0002646	0	2.3000000	- 2
1.3796592	2	3.9610736	1	1.0440098	- 8	2.3239469	- 2	2.7000000	- 4	1.0002700	0	2.3233196	- 2
1.3998083	2	3.9898972	1	1.0364678	- 8	2.3408575	- 2	2.7394318	- 4	1.0002739	0	2.3402165	- 2
1.4000000	2	3.9901704	1	1.0363968	- 8	2.3410179	- 2	2.7398070	- 4	1.0002740	0	2.3403767	- 2
1.4069052	2	4.0000000	1	1.0338500	- 8	2.3467848	- 2	2.7533205	- 4	1.0002753	0	2.3461389	- 2
1.4307577	2	4.0337700	1	1.0251948	- 8	2.3665976	- 2	2.8000000	- 4	1.0002800	0	2.3659351	- 2
1.4714246	2	4.0907031	1	1.0109264	- 8	2.4000000	- 2	2.8795854	- 4	1.0002880	0	2.3993091	- 2
1.4722725	2	4.0918817	1	1.0106352	- 8	2.4006915	- 2	2.8812448	- 4	1.0002881	0	2.4000000	- 2
1.4818562	2	4.1051799	1	1.0073614	- 8	2.4084935	- 2	2.9000000	- 4	1.0002900	0	2.4077953	- 2
1.4997799	2	4.1299359	1	1.0013230	- 8	2.4230178	- 2	2.9350768	- 4	1.0002935	0	2.4223068	- 2
1.5000000	2	4.1302390	1	1.0012495	- 8	2.4231956	- 2	2.9355075	- 4	1.0002936	0	2.4224844	- 2
1.5037504	2	4.1353998	1	1.0000000	- 8	2.4262234	- 2	2.9428470	- 4	1.0002943	0	2.4255096	- 2
1.5329547	2	4.1753695	1	9.9042728	- 9	2.4496734	- 2	3.0000000	- 4	1.0003000	0	2.4489388	- 2
1.5510911	2	4.2000000	1	9.8461901	- 9	2.4641241	- 2	3.0354930	- 4	1.0003035	0	2.4633763	- 2
1.5965784	2	4.2611491	1	9.7048936	- 9	2.5000000	- 2	3.1245119	- 4	1.0003125	0	2.4992191	- 2
1.5975767	2	4.2624813	1	9.7018604	- 9	2.5007816	- 2	3.1264656	- 4	1.0003126	0	2.5000000	- 2
1.5997496	2	4.2653795	1	9.6952682	- 9	2.5024820	- 2	3.1307160	- 4	1.0003131	0	2.5016988	- 2
1.6000000	2	4.2657134	1	9.6945094	- 9	2.5026779	- 2	3.1312080	- 4	1.0003131	0	2.5018945	- 2
1.6351517	2	4.3123246	1	9.5897229	- 9	2.5300245	- 2	3.2000000	- 4	1.0003200	0	2.5292152	- 2
1.6661789	2	4.3530524	1	9.5000000	- 9	2.5539194	- 2	3.2607205	- 4	1.0003261	0	2.5530869	- 2
1.6997173	2	4.3966525	1	9.4057918	- 9	2.5794994	- 2	3.3263553	- 4	1.0003326	0	2.5786416	- 2
1.7000000	2	4.3970182	1	9.4050096	- 9	2.5797139	- 2	3.3269085	- 4	1.0003327	0	2.5788560	- 2
1.7023061	2	4.4000000	1	9.3986360	- 9	2.5814633	- 2	3.3314215	- 4	1.0003331	0	2.5806036	- 2
1.7288372	2	4.4315950	1	9.3316285	- 9	2.6000000	- 2	3.3794290	- 4	1.0003379	0	2.5991216	- 2
1.7280051	2	4.4330937	1	9.3284738	- 9	2.6008792	- 2	3.3817146	- 4	1.0003382	0	2.6000000	- 2
1.7373486	2	4.4450647	1	9.3033513	- 9	2.6079026	- 2	3.4000000	- 4	1.0003400	0	2.6070162	- 2
1.7996831	2	4.5241181	1	9.1407865	- 9	2.6542830	- 2	3.5219888	- 4	1.0003522	0	2.6533485	- 2
1.8000000	2	4.5245165	1	9.1399817	- 9	2.6545167	- 2	3.5226090	- 4	1.0003523	0	2.6535820	- 2
1.8395456	2	4.5739567	1	9.0411871	- 9	2.6835231	- 2	3.6000000	- 4	1.0003600	0	2.6825573	- 2
1.8564179	2	4.5948887	1	9.0000000	- 9	2.6958038	- 2	3.6330191	- 4	1.0003633	0	2.6948247	- 2
1.8605495	2	4.6000000	1	8.9899996	- 9	2.6988026	- 2	3.6411048	- 4	1.0003641	0	2.6978203	- 2

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β						
1.8622006	2	4.6020410	1	8.9860126	- 9	2.7000000	- 2	3.6443359	- 4	1.0003644	0	2.6990164	- 2
1.8635589	2	4.6037193	1	8.9827366	- 9	2.7009847	- 2	3.6469941	- 4	1.0003647	0	2.7000000	- 2
1.8996469	2	4.6480895	1	8.9869883	- 9	2.7270165	- 2	3.7176185	- 4	1.0003718	0	2.7260031	- 2
1.9000000	2	4.6485216	1	8.8961614	- 9	2.7272700	- 2	3.7183095	- 4	1.0003718	0	2.7262563	- 2
1.9417426	2	4.6993173	1	8.8000013	- 9	2.7570716	- 2	3.8000000	- 4	1.0003800	0	2.7560243	- 2
1.9996088	2	4.7688392	1	8.6717115	- 9	2.7978599	- 2	3.9132444	- 4	1.0003913	0	2.7967655	- 2
2.0000000	2	4.7693059	1	8.6708631	- 9	2.7981337	- 2	3.9140100	- 4	1.0003914	0	2.7970389	- 2
2.0026683	2	4.7724869	1	8.6650836	- 9	2.8000000	- 2	3.9192320	- 4	1.0003919	0	2.7989030	- 2
2.0042394	2	4.7743589	1	8.6616862	- 9	2.8010982	- 2	3.9223065	- 4	1.0003922	0	2.8000000	- 2
2.0258208	2	4.8000000	1	8.6154163	- 9	2.8161418	- 2	3.9645415	- 4	1.0003965	0	2.8150258	- 2
2.0439396	2	4.8214219	1	8.5771374	- 9	2.8287100	- 2	4.0000000	- 4	1.0004000	0	2.8275789	- 2
2.0811978	2	4.8651763	1	8.5000000	- 9	2.8543805	- 2	4.0729145	- 4	1.0004073	0	2.8532184	- 2
2.0995687	2	4.8866061	1	8.4627239	- 9	2.8669533	- 2	4.1088664	- 4	1.0004109	0	2.8657758	- 2
2.1000000	2	4.8871081	1	8.4618546	- 9	2.8672478	- 2	4.1097105	- 4	1.0004110	0	2.8660699	- 2
2.1461366	2	4.9405120	1	8.3703872	- 9	2.8985797	- 2	4.2000000	- 4	1.0004200	0	2.8973628	- 2
2.1482399	2	4.9429329	1	8.3662876	- 9	2.9000000	- 2	4.2041163	- 4	1.0004204	0	2.8987813	- 2
2.1500477	2	4.9450127	1	8.3627688	- 9	2.9012202	- 2	4.2076542	- 4	1.0004208	0	2.9000000	- 2
2.1981192	2	5.0000000	1	8.2707997	- 9	2.9334810	- 2	4.3017303	- 4	1.0004302	0	2.9322197	- 2
2.1995266	2	5.0016008	1	8.2681525	- 9	2.9344202	- 2	4.3044846	- 4	1.0004304	0	2.9331577	- 2
2.2000000	2	5.0021391	1	8.2672627	- 9	2.9347361	- 2	4.3054110	- 4	1.0004305	0	2.9334731	- 2
2.2483335	2	5.0568005	1	8.1778979	- 9	2.9668057	- 2	4.4000000	- 4	1.0004400	0	2.9655009	- 2
2.2989149	2	5.1133789	1	8.0874113	- 9	3.0000000	- 2	4.4989880	- 4	1.0004499	0	2.9986509	- 2
2.2994826	2	5.1140104	1	8.0864127	- 9	3.0003705	- 2	4.5000990	- 4	1.0004500	0	2.9990209	- 2
2.3000000	2	5.1145858	1	8.0855029	- 9	3.0007081	- 2	4.5011115	- 4	1.0004501	0	2.9993580	- 2
2.3009853	2	5.1156814	1	8.0837712	- 9	3.0013509	- 2	4.5030398	- 4	1.0004503	0	3.0000000	- 2
2.3494155	2	5.1692498	1	8.0000000	- 9	3.0327793	- 2	4.5978180	- 4	1.0004598	0	3.0313855	- 2
2.3505305	2	5.1704765	1	7.9981019	- 9	3.0334990	- 2	4.6000000	- 4	1.0004600	0	3.0321042	- 2
2.3994366	2	5.2240017	1	7.9161534	- 9	3.0649020	- 2	4.6957096	- 4	1.0004696	0	3.0634635	- 2
2.4000000	2	5.2246150	1	7.9152240	- 9	3.0652618	- 2	4.6968120	- 4	1.0004697	0	3.0638228	- 2
2.4527275	2	5.2817087	1	7.8296629	- 9	3.0987585	- 2	4.8000000	- 4	1.0004800	0	3.0972718	- 2
2.4993887	2	5.3317244	1	7.7562146	- 9	3.1281025	- 2	4.8913163	- 4	1.0004891	0	3.1265732	- 2
2.5000000	2	5.3323765	1	7.7552661	- 9	3.1284851	- 2	4.8925125	- 4	1.0004893	0	3.1269552	- 2
2.549245	2	5.3906483	1	7.6714332	- 9	3.1626729	- 2	5.0000000	- 4	1.0005000	0	3.1610924	- 2
2.5993387	2	5.4373133	1	7.6055941	- 9	3.1900511	- 2	5.0869188	- 4	1.0005087	0	3.1884292	- 2
2.6000000	2	5.4380049	1	7.6046268	- 9	3.1904569	- 2	5.0882130	- 4	1.0005088	0	3.1888343	- 2
2.6155733	2	5.4542708	1	7.5819481	- 9	3.2000000	- 2	5.1186900	- 4	1.0005119	0	3.1983629	- 2
2.6182536	2	5.4570655	1	7.5780652	- 9	3.2016397	- 2	5.1239355	- 4	1.0005124	0	3.2000000	- 2
2.6596044	2	5.5000000	1	7.5189088	- 9	3.2268291	- 2	5.2048592	- 4	1.0005205	0	3.2251505	- 2
2.6730283	2	5.5138664	1	7.5000000	- 9	3.2349645	- 2	5.2311298	- 4	1.0005231	0	3.232732	- 2
2.6992871	2	5.5408905	1	7.4634210	- 9	3.2508194	- 2	5.2825184	- 4	1.0005283	0	3.2491031	- 2

V	V*	H _P	λ	p*	E*	W*	β						
2.7000000	2	5.5416224	1	7.4624353	- 9	3.2512488	- 2	5.2839135	- 4	1.0005284	0	3.2495318	- 2
2.7992333	2	5.6425667	1	7.3289339	- 9	3.3104725	- 2	3.31047136	- 4	1.0005478	0	3.3086600	- 2
2.8000000	2	5.6433396	1	7.3279301	- 9	3.3109260	- 2	5.4796140	- 4	1.0005480	0	3.3091127	- 2
2.8104169	2	5.6538303	1	7.3143331	- 9	3.3170808	- 2	5.5000000	- 4	1.0005500	0	3.3152574	- 2
2.8991775	2	5.7424429	1	7.2014645	- 9	3.3690695	- 2	5.6737050	- 4	1.0005674	0	3.3671590	- 2
2.9000000	2	5.7432576	1	7.2004429	- 9	3.3695474	- 2	5.6753145	- 4	1.0005675	0	3.3676362	- 2
2.9526396	2	5.7951627	1	7.1359512	- 9	3.4000000	- 2	5.7783306	- 4	1.0005778	0	3.3980365	- 2
2.9560558	2	5.7985152	1	7.1318254	- 9	3.4019669	- 2	5.7850161	- 4	1.0005785	0	3.4000000	- 2
2.9991197	2	5.8406114	1	7.0804228	- 9	3.4266646	- 2	5.8692924	- 4	1.0005869	0	3.4246545	- 2
3.0000000	2	5.8414686	1	7.0793838	- 9	3.4271675	- 2	5.8710150	- 4	1.0005871	0	3.4251566	- 2
3.0659094	2	5.9053069	1	7.0028533	- 9	3.4646212	- 2	6.0000000	- 4	1.0006000	0	3.4625437	- 2
3.0684088	2	5.9077140	1	7.0000000	- 9	3.4660334	- 2	6.0048915	- 4	1.0006005	0	3.4639534	- 2
3.1649926	2	6.0000000	1	6.8923330	- 9	3.5201773	- 2	6.1939063	- 4	1.0006194	0	3.5179982	- 2
3.1989987	2	6.0321575	1	6.8555899	- 9	3.5390440	- 2	6.2604566	- 4	1.0006260	0	3.5368297	- 2
3.2000000	2	6.0331018	1	6.8545168	- 9	3.5395980	- 2	6.2624160	- 4	1.0006262	0	3.5373827	- 2
3.3101098	2	6.1360546	1	6.7395094	- 9	3.6000000	- 2	6.4779015	- 4	1.0006478	0	3.5976695	- 2
3.3144041	2	6.1400347	1	6.7351408	- 9	3.6023351	- 2	6.4863054	- 4	1.0006486	0	3.6000000	- 2
3.3214018	2	6.1465151	1	6.7280398	- 9	3.6061371	- 2	6.5000000	- 4	1.0006500	0	3.6037947	- 2
3.3988696	2	6.2178057	1	6.6508991	- 9	3.6479630	- 2	6.6516048	- 4	1.0006652	0	3.6455381	- 2
3.4000000	2	6.2188399	1	6.6497931	- 9	3.6485698	- 2	6.6538171	- 4	1.0006654	0	3.6461437	- 2
3.5584569	2	6.3621536	1	6.5000000	- 9	3.7326514	- 2	6.9639180	- 4	1.0006964	0	3.7300538	- 2
3.5768943	2	6.3786199	1	6.4832203	- 9	3.7423121	- 2	7.0000000	- 4	1.0007000	0	3.7396943	- 2
3.5987329	2	6.3980692	1	6.4635122	- 9	3.75377230	- 2	7.0427384	- 4	1.0007043	0	3.7510812	- 2
3.6000000	2	6.3991960	1	6.4623740	- 9	3.7543841	- 2	7.0452181	- 4	1.0007045	0	3.7517409	- 2
3.6879798	2	6.4769466	1	6.3847984	- 9	3.8000000	- 2	7.2173949	- 4	1.0007217	0	3.7972594	- 2
3.6933113	2	6.4816280	1	6.3801869	- 9	3.8027466	- 2	7.2278287	- 4	1.0007228	0	3.8000000	- 2
3.7142705	2	6.5000000	1	6.3621536	- 9	3.8135254	- 2	7.2688461	- 4	1.0007269	0	3.8107554	- 2
3.7985882	2	6.5733913	1	6.2911208	- 9	3.8565837	- 2	7.4338561	- 4	1.0007434	0	3.8537189	- 2
3.8000000	2	6.5746132	1	6.2899515	- 9	3.8573007	- 2	7.4366191	- 4	1.0007437	0	3.8544343	- 2
3.8323867	2	6.6025814	1	6.2633076	- 9	3.8737095	- 2	7.5000000	- 4	1.0007500	0	3.8708064	- 2
3.9984359	2	6.7441571	1	6.1318260	- 9	3.9567714	- 2	7.8249592	- 4	1.0007825	0	3.9536777	- 2
4.0000000	2	6.7454768	1	6.1306264	- 9	3.9575457	- 2	7.8280201	- 4	1.0007828	0	3.9544501	- 2
4.0862454	2	6.8178385	1	6.0655585	- 9	4.0000000	- 2	7.9968027	- 4	1.0007997	0	3.9968038	- 2
4.0878791	2	6.8192019	1	6.0643458	- 9	4.0007999	- 2	8.0000000	- 4	1.0008000	0	3.9976018	- 2
4.0927912	2	6.8232993	1	6.0607041	- 9	4.0032038	- 2	8.0096128	- 4	1.0008010	0	4.0000000	- 2
4.1759926	2	6.8923330	1	6.0000000	- 9	4.0437057	- 2	8.1724385	- 4	1.0008172	0	4.0404037	- 2
4.1982755	2	6.9107046	1	5.9840495	- 9	4.0544842	- 2	8.2160463	- 4	1.0008216	0	4.0511558	- 2
4.2000000	2	6.9121245	1	5.9828202	- 9	4.0553173	- 2	8.2194211	- 4	1.0008219	0	4.0519868	- 2
4.3074250	2	7.0000000	1	5.9077140	- 9	4.1068735	- 2	8.4296524	- 4	1.0008430	0	4.1034144	- 2
4.3433716	2	7.0291603	1	5.8832060	- 9	4.1239817	- 2	8.5000000	- 4	1.0008500	0	4.1204793	- 2

V	V*	H ρ	λ	p^*	E^*	W*	β
4.3981077	2	7.0733317	1	5.8464667 - 9	4.1498969 - 2	8.6071188 - 4	4.1463281 - 2
4.4000000	2	7.0748542	1	5.8452086 - 9	4.1507901 - 2	8.6108221 - 4	4.1472190 - 2
4.5049015	2	7.1587304	1	5.7767224 - 9	4.2000000 - 2	8.8161149 - 4	4.1963005 - 2
4.5128582	2	7.1650528	1	5.7716251 - 9	4.2037093 - 2	8.8316860 - 4	4.2000000 - 2
4.5979317	2	7.2323028	1	5.7179573 - 9	4.2431646 - 2	8.9981753 - 4	4.2393500 - 2
4.5988640	2	7.2330366	1	5.7173771 - 9	4.2435952 - 2	9.0000000 - 4	4.2397794 - 2
4.6000000	2	7.2339303	1	5.7166708 - 9	4.2441195 - 2	9.0022231 - 4	4.2403023 - 2
4.7977475	2	7.3878540	1	5.5975657 - 9	4.3344259 - 2	9.3892158 - 4	4.3303601 - 2
4.8000000	2	7.3895888	1	5.5962516 - 9	4.3354437 - 2	9.3936241 - 4	4.3313750 - 2
4.8543565	2	7.4313316	1	5.5648167 - 9	4.3599341 - 2	9.5000000 - 4	4.3557961 - 2
4.9439422	2	7.4996223	1	5.5141441 - 9	4.4000000 - 2	9.6753196 - 4	4.3957470 - 2
4.9444396	2	7.5000000	1	5.5138664 - 9	4.4002216 - 2	9.6762931 - 4	4.3959679 - 2
4.9552575	2	7.5068925	1	5.5088038 - 9	4.4042654 - 2	9.6940781 - 4	4.4000000 - 2
4.9693905	2	7.5189088	1	5.5000000 - 9	4.4113153 - 2	9.7251221 - 4	4.4070294 - 2
4.9975558	2	7.5401969	1	5.4844719 - 9	4.4238049 - 2	9.7802418 - 4	4.4194826 - 2
5.0000000	2	7.5420412	1	5.4831308 - 9	4.4248870 - 2	9.7850251 - 4	4.4205615 - 2
5.1098489	2	7.6244806	1	5.4238447 - 9	4.4732538 - 2	1.0000000 - 3	4.4687851 - 2
5.4033636	2	7.8405143	1	5.2743987 - 9	4.6000000 - 2	1.0574410 - 3	4.5951409 - 2
5.418150	2	7.8488227	1	5.2688154 - 9	4.6048745 - 2	1.0596820 - 3	4.6000000 - 2
5.4970436	2	7.9082252	1	5.2292388 - 9	4.6397258 - 2	1.0757742 - 3	4.6347398 - 2
5.5000000	2	7.9103530	1	5.2278322 - 9	4.6409741 - 2	1.0763528 - 3	4.6359841 - 2
5.6208338	2	7.9968225	1	5.1713038 - 9	4.6917054 - 2	1.1000000 - 3	4.6865502 - 2
5.6252987	2	8.0000000	1	5.1692498 - 9	4.6935697 - 2	1.1008738 - 3	4.6884083 - 2
5.8831592	2	8.1814062	1	5.0546321 - 9	4.8000000 - 2	1.1513372 - 3	4.7944799 - 2
5.8967375	2	8.1908475	1	5.0488058 - 9	4.8055392 - 2	1.1539945 - 3	4.8000000 - 2
5.9964816	2	8.2598719	1	5.0066150 - 9	4.8460355 - 2	1.1735145 - 3	4.8403553 - 2
6.0000000	2	8.2622962	1	5.0051459 - 9	4.8474579 - 2	1.1742030 - 3	4.8417726 - 2
6.0123497	2	8.2707997	1	5.0000000 - 9	4.8524468 - 2	1.1766198 - 3	4.8467440 - 2
6.1318187	2	8.3526174	1	4.9510227 - 9	4.9004490 - 2	1.2000000 - 3	4.8945755 - 2
6.3499852	2	8.5000000	1	4.8651763 - 9	4.9869178 - 2	1.2426953 - 3	4.9807282 - 2
6.3833244	2	8.5222981	1	4.8524468 - 9	5.0000000 - 2	1.2492198 - 3	4.9937617 - 2
6.3993124	2	8.5329710	1	4.8463774 - 9	5.0062617 - 2	1.2523486 - 3	5.0000000 - 2
6.4958713	2	8.5971472	1	4.8102001 - 9	5.0439137 - 2	1.2712453 - 3	5.0375098 - 2
6.5000000	2	8.5998808	1	4.8086711 - 9	5.0455175 - 2	1.2720533 - 3	5.0391074 - 2
6.5234901	2	8.6154163	1	4.8000000 - 9	5.0546321 - 2	1.2766503 - 3	5.0481873 - 2
6.6428036	2	8.6938970	1	4.7566699 - 9	5.1006764 - 2	1.3000000 - 3	5.0940542 - 2
6.9952119	2	8.9216813	1	4.6352248 - 9	5.2343166 - 2	1.3689665 - 3	5.2271608 - 2
7.0000000	2	8.9247362	1	4.6336381 - 9	5.2361089 - 2	1.3699035 - 3	5.2289458 - 2
7.1026802	2	8.9899996	1	4.6000000 - 9	5.2743987 - 2	1.3899981 - 3	5.2670775 - 2
7.1184798	2	9.0000000	1	4.5948887 - 9	5.2802659 - 2	1.3930901 - 3	5.2729202 - 2

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β						
7.1537885	2	9.0223087	1	4.5835273	- 9	5.2933543	- 2	1.4000000	- 3	1.0014000	0	5.2859540	- 2
7.4945042	2	9.2348175	1	4.4780526	- 9	5.4180324	- 2	1.4666782	- 3	1.0014667	0	5.4100975	- 2
7.5000000	2	9.2382055	1	4.4764103	- 9	5.4200201	- 2	1.4677538	- 3	1.0014678	0	5.4120765	- 2
7.6047734	2	9.3321101	1	4.4279974	- 9	5.4792791	- 2	1.5000000	- 3	1.0015000	0	5.4710725	- 2
7.7228110	2	9.3745279	1	4.4113153	- 9	5.5000000	- 2	1.5113580	- 3	1.0015114	0	5.4917001	- 2
7.7462252	2	9.3887392	1	4.4046381	- 9	5.5083377	- 2	1.5159402	- 3	1.0015159	0	5.5000000	- 2
7.7625524	2	9.3986360	1	4.4000000	- 9	5.5141441	- 2	1.5191354	- 3	1.0015191	0	5.5057801	- 2
7.9307623	2	9.5000000	1	4.3530524	- 9	5.5736140	- 2	1.5520542	- 3	1.0015521	0	5.5649768	- 2
7.9937473	2	9.5376785	1	4.3358558	- 9	5.5957198	- 2	1.5643804	- 3	1.0015644	0	5.5869797	- 2
8.0000000	2	9.5414108	1	4.3341597	- 9	5.5979096	- 2	1.5656040	- 3	1.0015656	0	5.5891591	- 2
8.1757583	2	9.6457356	1	4.2872830	- 9	5.6591165	- 2	1.6000000	- 3	1.0016000	0	5.6500764	- 2
8.4929422	2	9.8312140	1	4.2063980	- 9	5.7679360	- 2	1.6620730	- 3	1.0016621	0	5.7583651	- 2
8.5000000	2	9.8353016	1	4.2046498	- 9	5.7703341	- 2	1.6634543	- 3	1.0016635	0	5.7607514	- 2
8.5188151	2	9.8461901	1	4.2000000	- 9	5.7767224	- 2	1.6671364	- 3	1.0016671	0	5.7671078	- 2
8.6867432	2	9.9428451	1	4.1591715	- 9	5.8334295	- 2	1.7000000	- 3	1.0017000	0	5.8235295	- 2
8.7868128	2	1.0000000	2	4.1353998	- 9	5.8669621	- 2	1.7195837	- 3	1.0017196	0	5.8568907	- 2
8.9920880	2	1.0116236	2	4.0878840	- 9	5.9351571	- 2	1.7597561	- 3	1.0017598	0	5.9247311	- 2
9.0000000	2	1.0120689	2	4.0860852	- 9	5.9377700	- 2	1.7613045	- 3	1.0017613	0	5.9273301	- 2
9.1894648	2	1.0226758	2	4.0437057	- 9	6.0000000	- 2	1.7983829	- 3	1.0017984	0	5.9892291	- 2
9.1977281	2	1.0231359	2	4.0418872	- 9	6.0026994	- 2	1.8000000	- 3	1.0018000	0	5.9919139	- 2
9.2226367	2	1.0245216	2	4.0364204	- 9	6.0108292	- 2	1.8048746	- 3	1.0018049	0	6.0000000	- 2
9.3911931	2	1.0338500	2	4.0000000	- 9	6.0655585	- 2	1.8378612	- 3	1.0018379	0	6.0544313	- 2
9.4911854	2	1.0393444	2	3.9788541	- 9	6.0977943	- 2	1.8574297	- 3	1.0018574	0	6.0864891	- 2
9.5000000	2	1.0398274	2	3.9770061	- 9	6.1006278	- 2	1.8591548	- 3	1.0018592	0	6.0893069	- 2
9.7087130	2	1.0511984	2	3.9339859	- 9	6.1673414	- 2	1.9000000	- 3	1.0019000	0	6.1556457	- 2
9.9902338	2	1.0663449	2	3.8781073	- 9	6.2562049	- 2	1.9550938	- 3	1.0019551	0	6.2439973	- 2
1.0000000	3	1.0668665	2	3.8762113	- 9	6.2592651	- 2	1.9570050	- 3	1.0019570	0	6.2470396	- 2
1.0219698	3	1.0785338	2	3.8342794	- 9	6.3277168	- 2	2.0000000	- 3	1.0020000	0	6.3150866	- 2
1.0404723	3	1.0882631	2	3.8000000	- 9	6.3847984	- 2	2.0362095	- 3	1.0020362	0	6.3718241	- 2
1.0630128	3	1.1000000	2	3.7594544	- 9	6.4536583	- 2	2.0803214	- 3	1.0020803	0	6.4402605	- 2
1.0730683	3	1.1051959	2	3.7417801	- 9	6.4841422	- 2	2.1000000	- 3	1.0021000	0	6.4705540	- 2
1.0783178	3	1.1078988	2	3.7326514	- 9	6.5000000	- 2	2.1102733	- 3	1.0021103	0	6.4863121	- 2
1.0828882	3	1.0840356	2	3.7247578	- 9	6.5137749	- 2	2.1192176	- 3	1.0021192	0	6.5000000	- 2
1.0988185	3	1.1183919	2	3.6976302	- 9	6.5615631	- 2	2.1503934	- 3	1.0021504	0	6.5474834	- 2
1.1000000	3	1.1189937	2	3.6956418	- 9	6.5650934	- 2	2.1527055	- 3	1.0021527	0	6.5509911	- 2
1.1241668	3	1.1312323	2	3.6556593	- 9	6.6368969	- 2	2.2000000	- 3	1.0022000	0	6.6223277	- 2
1.1591572	3	1.1487222	2	3.6000000	- 9	6.7395094	- 2	2.2684764	- 3	1.0022685	0	6.7242556	- 2
1.1752653	3	1.1566658	2	3.5752161	- 9	6.7862287	- 2	2.3000000	- 3	1.0023000	0	6.7706562	- 2
1.1985942	3	1.1681223	2	3.5402114	- 9	6.8533291	- 2	2.3456549	- 3	1.0023457	0	6.8372912	- 2
1.2000000	3	1.1688079	2	3.5381348	- 9	6.8573516	- 2	2.3484060	- 3	1.0023484	0	6.8412854	- 2

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β
1.2263637	3	1.1815926	2	3.4998526	- 9	6.9323589	- 2
1.2503832	3	1.1931217	2	3.4660334	- 9	7.0000000	- 2
1.2565326	3	1.1960557	2	3.4575312	- 9	7.0172133	- 2
1.2648236	3	1.2000000	2	3.4461665	- 9	7.0403545	- 2
1.2774622	3	1.2059880	2	3.4290555	- 9	7.0754858	- 2
1.2983505	3	1.2158202	2	3.4013251	- 9	7.1331711	- 2
1.2993615	3	1.2162941	2	3.4000000	- 9	7.1359512	- 2
1.3000000	3	1.2165933	2	3.3991638	- 9	7.1377066	- 2
1.3285607	3	1.2299020	2	3.3623817	- 9	7.2157882	- 2
1.3796592	3	1.2533621	2	3.2994455	- 9	7.3534278	- 2
1.3980874	3	1.2617163	2	3.2775989	- 9	7.4024415	- 2
1.4000000	3	1.2625802	2	3.2753562	- 9	7.4075101	- 2
1.4307577	3	1.2763933	2	3.2399103	- 9	7.4885513	- 2
1.4351297	3	1.2783447	2	3.2349645	- 9	7.5000000	- 2
1.4432365	3	1.2819553	2	3.2258534	- 9	7.5211832	- 2
1.4666175	3	1.2923124	2	3.2000000	- 9	7.5819481	- 2
1.4818562	3	1.2990185	2	3.1834802	- 9	7.6212925	- 2
1.4840930	3	1.3000000	2	3.1810768	- 9	7.6270507	- 2
1.4978048	3	1.3060004	2	3.1664613	- 9	7.6622549	- 2
1.5000000	3	1.3069585	2	3.1641401	- 9	7.6678760	- 2
1.5329547	3	1.3212586	2	3.1298944	- 9	7.7517740	- 2
1.5975029	3	1.3488314	2	3.0659130	- 9	7.9135429	- 2
1.6000000	3	1.3498869	2	3.0635158	- 9	7.9197352	- 2
1.6325437	3	1.3635677	2	3.0327793	- 9	8.0000000	- 2
1.6351517	3	1.3646581	2	3.0303559	- 9	8.0063974	- 2
1.6430425	3	1.3679522	2	3.0230588	- 9	8.0257235	- 2
1.6683560	3	1.3784666	2	3.0000000	- 9	8.0874113	- 2
1.6971815	3	1.3903436	2	2.9743725	- 9	8.1570933	- 2
1.7000000	3	1.3914995	2	2.9719017	- 9	8.1638749	- 2
1.7207986	3	1.4000000	2	2.9538570	- 9	8.2137469	- 2
1.7373486	3	1.4067276	2	2.9397303	- 9	8.2532176	- 2
1.7851950	3	1.4259999	2	2.9000000	- 9	8.3662876	- 2
1.7968408	3	1.4306518	2	2.8905705	- 9	8.3935797	- 2
1.8000000	3	1.4319111	2	2.8880283	- 9	8.4009683	- 2
1.8395456	3	1.4475830	2	2.8567618	- 9	8.4929147	- 2
1.8426107	3	1.4487907	2	2.8543805	- 9	8.5000000	- 2
1.8559962	3	1.4540530	2	2.8440503	- 9	8.5308736	- 2
1.8964807	3	1.4698550	2	2.8134747	- 9	8.6235834	- 2
1.9000000	3	1.4712207	2	2.8108630	- 9	8.6315960	- 2
1.9147438	3	1.4769285	2	2.8000000	- 9	8.6650836	- 2
1.2263637	3	1.1815926	2	3.4998526	- 9	6.9323589	- 2
1.2503832	3	1.1931217	2	3.4660334	- 9	7.0000000	- 2
1.2565326	3	1.1960557	2	3.4575312	- 9	7.0172133	- 2
1.2648236	3	1.2000000	2	3.4461665	- 9	7.0403545	- 2
1.2774622	3	1.2059880	2	3.4290555	- 9	7.0754858	- 2
1.2983505	3	1.2158202	2	3.4013251	- 9	7.1331711	- 2
1.2993615	3	1.2162941	2	3.4000000	- 9	7.1359512	- 2
1.3000000	3	1.2165933	2	3.3991638	- 9	7.1377066	- 2
1.3285607	3	1.2299020	2	3.3623817	- 9	7.2157882	- 2
1.3796592	3	1.2533621	2	3.2994455	- 9	7.3534278	- 2
1.3980874	3	1.2617163	2	3.2775989	- 9	7.4024415	- 2
1.4000000	3	1.2625802	2	3.2753562	- 9	7.4075101	- 2
1.4307577	3	1.2763933	2	3.2399103	- 9	7.4885513	- 2
1.4351297	3	1.2783447	2	3.2349645	- 9	7.5000000	- 2
1.4432365	3	1.2819553	2	3.2258534	- 9	7.5211832	- 2
1.4666175	3	1.2923124	2	3.2000000	- 9	7.5819481	- 2
1.4818562	3	1.2990185	2	3.1834802	- 9	7.6212925	- 2
1.4840930	3	1.3000000	2	3.1810768	- 9	7.6270507	- 2
1.4978048	3	1.3060004	2	3.1664613	- 9	7.6622549	- 2
1.5000000	3	1.3069585	2	3.1641401	- 9	7.6678760	- 2
1.5329547	3	1.3212586	2	3.1298944	- 9	7.7517740	- 2
1.5975029	3	1.3488314	2	3.0659130	- 9	7.9135429	- 2
1.6000000	3	1.3498869	2	3.0635158	- 9	7.9197352	- 2
1.6325437	3	1.3635677	2	3.0327793	- 9	8.0000000	- 2
1.6351517	3	1.3646581	2	3.0303559	- 9	8.0063974	- 2
1.6430425	3	1.3679522	2	3.0230588	- 9	8.0257235	- 2
1.6683560	3	1.3784666	2	3.0000000	- 9	8.0874113	- 2
1.6971815	3	1.3903436	2	2.9743725	- 9	8.1570933	- 2
1.7000000	3	1.3914995	2	2.9719017	- 9	8.1638749	- 2
1.7207986	3	1.4000000	2	2.9538570	- 9	8.2137469	- 2
1.7373486	3	1.4067276	2	2.9397303	- 9	8.2532176	- 2
1.7851950	3	1.4259999	2	2.9000000	- 9	8.3662876	- 2
1.7968408	3	1.4306518	2	2.8905705	- 9	8.3935797	- 2
1.8000000	3	1.4319111	2	2.8880283	- 9	8.4009683	- 2
1.8395456	3	1.4475830	2	2.8567618	- 9	8.4929147	- 2
1.8426107	3	1.4487907	2	2.8543805	- 9	8.5000000	- 2
1.8559962	3	1.4540530	2	2.8440503	- 9	8.5308736	- 2
1.8964807	3	1.4698550	2	2.8134747	- 9	8.6235834	- 2
1.9000000	3	1.4712207	2	2.8108630	- 9	8.6315960	- 2
1.9147438	3	1.4769285	2	2.8000000	- 9	8.6650836	- 2
1.2263637	3	1.1815926	2	3.4998526	- 9	6.9323589	- 2
1.2503832	3	1.1931217	2	3.4660334	- 9	7.0000000	- 2
1.2565326	3	1.1960557	2	3.4575312	- 9	7.0172133	- 2
1.2648236	3	1.2000000	2	3.4461665	- 9	7.0403545	- 2
1.2774622	3	1.2059880	2	3.4290555	- 9	7.0754858	- 2
1.2983505	3	1.2158202	2	3.4013251	- 9	7.1331711	- 2
1.2993615	3	1.2162941	2	3.4000000	- 9	7.1359512	- 2
1.3000000	3	1.2165933	2	3.3991638	- 9	7.1377066	- 2
1.3285607	3	1.2299020	2	3.3623817	- 9	7.2157882	- 2
1.3796592	3	1.2533621	2	3.2994455	- 9	7.3534278	- 2
1.3980874	3	1.2617163	2	3.2775989	- 9	7.4024415	- 2
1.4000000	3	1.2625802	2	3.2753562	- 9	7.4075101	- 2
1.4307577	3	1.2763933	2	3.2399103	- 9	7.4885513	- 2
1.4351297	3	1.2783447	2	3.2349645	- 9	7.5000000	- 2
1.4432365	3	1.2819553	2	3.2258534	- 9	7.5211832	- 2
1.4666175	3	1.2923124	2	3.2000000	- 9	7.5819481	- 2
1.4818562	3	1.2990185	2	3.1834802	- 9	7.6212925	- 2
1.4840930	3	1.3000000	2	3.1810768	- 9	7.6270507	- 2
1.4978048	3	1.3060004	2	3.1664613	- 9	7.6622549	- 2
1.5000000	3	1.3069585	2	3.1641401	- 9	7.6678760	- 2
1.5329547	3	1.3212586	2	3.1298944	- 9	7.7517740	- 2
1.5975029	3	1.3488314	2	3.0659130	- 9	7.9135429	- 2
1.6000000	3	1.3498869	2	3.0635158	- 9	7.9197352	- 2
1.6325437	3	1.3635677	2	3.0327793	- 9	8.0000000	- 2
1.6351517	3	1.3646581	2	3.0303559	- 9	8.0063974	- 2
1.6430425	3	1.3679522	2	3.0230588	- 9	8.0257235	- 2
1.6683560	3	1.3784666	2	3.0000000	- 9	8.0874113	- 2
1.6971815	3	1.3903436	2	2.9743725	- 9	8.1570933	- 2
1.7000000	3	1.3914995	2	2.9719017	- 9	8.1638749	- 2
1.7207986	3	1.4000000	2	2.9538570	- 9	8.2137469	- 2
1.7373486	3	1.4067276	2	2.9397303	- 9	8.2532176	- 2
1.7851950	3	1.4259999	2	2.9000000	- 9	8.3662876	- 2
1.7968408	3	1.4306518	2	2.8905705	- 9	8.3935797	- 2
1.8000000	3	1.4319111	2	2.8880283	- 9	8.4009683	- 2
1.8395456	3	1.4475830	2	2.8567618	- 9	8.4929147	- 2
1.8426107	3	1.4487907	2	2.8543805	- 9	8.5000000	- 2
1.8559962	3	1.4540530	2	2.8440503	- 9	8.5308736	- 2
1.8964807	3	1.4698550	2	2.8134747	- 9	8.6235834	- 2
1.9000000	3	1.4712207	2	2.8108630	- 9	8.6315960	- 2
1.9147438	3	1.4769285	2	2.8000000	- 9	8.6650836	- 2

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β						
1.9417426	3	1.4873244	2	2.7804290	- 9	8.7260759	- 2	3.8000000	- 3	1.0038000	0	8.6930423	- 2
1.9749163	3	1.5000000	2	2.7569332	- 9	8.8004431	- 2	3.8649212	- 3	1.0038649	0	8.7665611	- 2
1.9961012	3	1.5080394	2	2.7422360	- 9	8.8476099	- 2	3.9063802	- 3	1.0039064	0	8.8131822	- 2
2.0000000	3	1.5095143	2	2.7395566	- 9	8.8562631	- 2	3.9140100	- 3	1.0039140	0	8.8217347	- 2
2.0439396	3	1.5260388	2	2.7098917	- 9	8.9532117	- 2	4.0000000	- 3	1.0040000	0	8.9175415	- 2
2.0589132	3	1.5316296	2	2.7000000	- 9	8.9860126	- 2	4.0293035	- 3	1.0040293	0	8.9499505	- 2
2.0653150	3	1.5340137	2	2.6958038	- 9	9.0000000	- 2	4.0418319	- 3	1.0040418	0	8.9637699	- 2
2.0821464	3	1.5402644	2	2.6848636	- 9	9.0366729	- 2	4.0747710	- 3	1.0040748	0	9.0000000	- 2
2.0957024	3	1.5452805	2	2.6761483	- 9	9.0661023	- 2	4.1013001	- 3	1.0041013	0	9.0290714	- 2
2.1000000	3	1.5468674	2	2.6734030	- 9	9.0754123	- 2	4.1097105	- 3	1.0041097	0	9.0382676	- 2
2.1461366	3	1.5638025	2	2.6444515	- 9	9.1747697	- 2	4.2000000	- 3	1.0042000	0	9.1363969	- 2
2.1952843	3	1.5816450	2	2.6146194	- 9	9.2794515	- 2	4.2961825	- 3	1.0042962	0	9.2397558	- 2
2.2000000	3	1.5833465	2	2.6118097	- 9	9.2894341	- 2	4.3054110	- 3	1.0043054	0	9.2496107	- 2
2.2199877	3	1.5905384	2	2.6000000	- 9	9.3316285	- 2	4.3445270	- 3	1.0043445	0	9.2912623	- 2
2.2464202	3	1.6000000	2	2.5846249	- 9	9.3871393	- 2	4.3962557	- 3	1.0043963	0	9.3460517	- 2
2.2483335	3	1.6066827	2	2.5835225	- 9	9.3911448	- 2	4.4000000	- 3	1.0044000	0	9.3500047	- 2
2.2948469	3	1.6171921	2	2.5571482	- 9	9.4880046	- 2	4.4910269	- 3	1.0044910	0	9.4455842	- 2
2.3000000	3	1.6190108	2	2.5542756	- 9	9.4986752	- 2	4.5011115	- 3	1.0045011	0	9.4561122	- 2
2.3006402	3	1.6192366	2	2.5539194	- 9	9.5000000	- 2	4.5023643	- 3	1.0045024	0	9.4574193	- 2
2.3215452	3	1.6265933	2	2.5423687	- 9	9.5431611	- 2	4.5432755	- 3	1.0045433	0	9.5000000	- 2
2.3505305	3	1.6367392	2	2.5266088	- 9	9.6026871	- 2	4.6000000	- 3	1.0046000	0	9.5587170	- 2
2.3943902	3	1.6519744	2	2.5033075	- 9	9.6920710	- 2	4.6858336	- 3	1.0046858	0	9.6468674	- 2
2.4000000	3	1.6539130	2	2.5003733	- 9	9.7034448	- 2	4.6968120	- 3	1.0046968	0	9.6580826	- 2
2.4007151	3	1.6541599	2	2.5000000	- 9	9.7048936	- 2	4.6982114	- 3	1.0046982	0	9.6595112	- 2
2.4527275	3	1.6720254	2	2.4732877	- 9	9.8097095	- 2	4.8000000	- 3	1.0048000	0	9.7628478	- 2
2.4939141	3	1.6860393	2	2.4527304	- 9	9.8919286	- 2	4.8806024	- 3	1.0048806	0	9.8438845	- 2
2.5000000	3	1.6881003	2	2.4497359	- 9	9.9040203	- 2	4.8925125	- 3	1.0048925	0	9.8558006	- 2
2.5352828	3	1.7000000	2	2.4325881	- 9	9.9738356	- 2	4.9615612	- 3	1.0049616	0	9.9245941	- 2
2.5485689	3	1.7044596	2	2.4262234	- 9	1.0000000	- 1	4.9875621	- 3	1.0049876	0	9.9503719	- 2
2.5549245	3	1.7065889	2	2.4231963	- 9	1.0012492	- 1	5.0000000	- 3	1.0050000	0	9.9626788	- 2
2.5742475	3	1.7130464	2	2.4140618	- 9	1.0050378	- 1	5.0378153	- 3	1.0050378	0	1.0000000	- 1
2.5934188	3	1.7194294	2	2.4051000	- 9	1.0087827	- 1	5.0753336	- 3	1.0050753	0	1.0036887	- 1
2.6000000	3	1.7216153	2	2.4020465	- 9	1.0100651	- 1	5.0882130	- 3	1.0050882	0	1.0049517	- 1
2.6044246	3	1.7230833	2	2.4000000	- 9	1.0109264	- 1	5.0968720	- 3	1.0050969	0	1.0058000	- 1
2.6929042	3	1.7521834	2	2.3601409	- 9	1.0279994	- 1	5.2700270	- 3	1.0052700	0	1.0226102	- 1
2.7000000	3	1.7544965	2	2.3570294	- 9	1.0293564	- 1	5.2839135	- 3	1.0052839	0	1.0239460	- 1
2.7923703	3	1.7843363	2	2.3176124	- 9	1.0468633	- 1	5.4646826	- 3	1.0054647	0	1.0411736	- 1
2.8000000	3	1.7867790	2	2.3144440	- 9	1.0482964	- 1	5.4796140	- 3	1.0054796	0	1.0425835	- 1
2.8104169	3	1.7901087	2	2.3101390	- 9	1.0502500	- 1	5.5000000	- 3	1.0055000	0	1.0445052	- 1
2.8351811	3	1.7979999	2	2.3000000	- 9	1.0548797	- 1	5.5484637	- 3	1.0055485	0	1.0490591	- 1

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β
2.8414748	3	2.8493752	3	1.8000000	2	2.2974443	- 9
2.8918171	3	2.9000000	3	1.8159199	2	2.2773030	- 9
2.9000000	3	2.9082292	3	1.8184945	2	2.2740788	- 9
2.9912448	3	3.0000000	3	1.8469635	2	2.2390263	- 9
3.0000000	3	3.0088065	3	1.8496724	2	2.2357427	- 9
3.0659094	3	3.0751071	3	1.8699406	2	2.2115140	- 9
3.0821631	3	3.0914586	3	1.8749056	2	2.2056576	- 9
3.0979882	3	3.1073794	3	1.8797272	2	2.2000000	- 9
3.1197995	3	3.1293234	3	1.8863528	2	2.1922728	- 9
3.1649651	3	3.1747668	3	1.9000000	2	2.1765262	- 9
3.1900424	3	3.2000000	3	1.9075357	2	2.1679279	- 9
3.2000000	3	3.2100199	3	1.9105198	2	2.1645417	- 9
3.3214018	3	3.3321964	3	1.9465384	2	2.1244892	- 9
3.3887632	3	3.4000000	3	1.9662428	2	2.1031990	- 9
3.3990613	3	3.4103665	3	1.9692380	2	2.1000000	- 9
3.4000000	3	3.4113115	3	1.9695108	2	2.0997091	- 9
3.5057213	3	3.5177472	3	2.0000000	2	2.0676999	- 9
3.5768943	3	3.5894134	3	2.0202700	2	2.0469540	- 9
3.5874072	3	3.6000000	3	2.0232471	2	2.0439420	- 9
3.6000000	3	3.6126814	3	2.0268076	2	2.0403515	- 9
3.6659411	3	3.6790912	3	2.0453515	2	2.0218528	- 9
3.7193083	3	3.7328442	3	2.0602391	2	2.0072427	- 9
3.7461968	3	3.7599290	3	2.0676999	2	2.0000000	- 9
3.7859745	3	3.8000000	3	2.0786888	2	1.9894271	- 9
3.8000000	3	3.8141296	3	2.0825499	2	1.9857387	- 9
3.8323867	3	3.8467582	3	2.0914386	2	1.9772991	- 9
3.8637089	3	3.8783162	3	2.1000000	2	1.9692380	- 9
3.9844654	3	4.0000000	3	2.1326897	2	1.9390536	- 9
4.0000000	3	4.0156560	3	2.1368594	2	1.9352700	- 9
4.0878791	3	4.1042307	3	2.1602975	2	1.9142733	- 9
4.1492799	3	4.1661264	3	2.1765262	2	1.9000000	- 9
4.1828797	3	4.2000000	3	2.1853567	2	1.8923226	- 9
4.2000000	3	4.2172608	3	2.1898427	2	1.8884461	- 9
4.2388921	3	4.2564741	3	2.2000000	2	1.8797272	- 9
4.2997321	3	4.3178224	3	2.2157975	2	1.8663257	- 9
4.3433716	3	4.3618309	3	2.2270609	2	1.8568867	- 9
4.3733331	3	4.3920480	3	2.2347617	2	1.8504880	- 9
4.3812175	3	4.4000000	3	2.2367839	2	1.8488151	- 9
4.4000000	3	4.4189438	3	2.2415938	2	1.8448480	- 9
4.5794792	3	4.6000000	3	2.2870550	2	1.8081768	- 9
1.0502132	- 1	1.0055608	0	5.5607804	- 3	1.0560532	- 1
1.0593979	- 1	1.0056593	0	5.6593007	- 3	1.0653933	- 1
1.0608830	- 1	1.0056753	0	5.6753145	- 3	1.0669039	- 1
1.0773001	- 1	1.0058539	0	5.838810	- 3	1.086065	- 1
1.0788618	- 1	1.0058710	0	5.8710150	- 3	1.0851958	- 1
1.0905438	- 1	1.0060000	0	6.0000000	- 3	1.0970871	- 1
1.0934048	- 1	1.0060318	0	6.0318086	- 3	1.1000000	- 1
1.0961829	- 1	1.0060628	0	6.0627784	- 3	1.1028288	- 1
1.1000000	- 1	1.0061055	0	6.1054633	- 3	1.1067160	- 1
1.1078609	- 1	1.0061939	0	6.1398526	- 3	1.1147228	- 1
1.1122006	- 1	1.0062429	0	6.2429289	- 3	1.1191440	- 1
1.1139189	- 1	1.0062624	0	6.2624160	- 3	1.1208947	- 1
1.1346515	- 1	1.0065000	0	6.5000000	- 3	1.1420267	- 1
1.1459872	- 1	1.0066318	0	6.6318265	- 3	1.1535872	- 1
1.1477099	- 1	1.0066520	0	6.6519799	- 3	1.1553445	- 1
1.1478668	- 1	1.0066538	0	6.6538171	- 3	1.1555045	- 1
1.153970	- 1	1.0068607	0	6.8607142	- 3	1.1733924	- 1
1.1770455	- 1	1.0070000	0	7.0000000	- 3	1.1852848	- 1
1.1787559	- 1	1.0070206	0	7.0205738	- 3	1.1870314	- 1
1.1808013	- 1	1.0070452	0	7.0452181	- 3	1.1891203	- 1
1.1914522	- 1	1.0071743	0	7.1742650	- 3	1.2000000	- 1
1.2000000	- 1	1.0072787	0	7.2787050	- 3	1.2087344	- 1
1.2042827	- 1	1.0073313	0	7.3313259	- 3	1.2131117	- 1
1.2105894	- 1	1.0074092	0	7.4091711	- 3	1.2195589	- 1
1.2128049	- 1	1.0074366	0	7.4366191	- 3	1.2218241	- 1
1.2179048	- 1	1.0075000	0	7.5000000	- 3	1.2270391	- 1
1.2228160	- 1	1.0075613	0	7.5612977	- 3	1.2320620	- 1
1.2415598	- 1	1.0077976	0	7.7976187	- 3	1.2512410	- 1
1.2439496	- 1	1.0078280	0	7.8280201	- 3	1.2536873	- 1
1.2573793	- 1	1.0080000	0	8.0000000	- 3	1.2674384	- 1
1.2666741	- 1	1.0081202	0	8.1201617	- 3	1.2769597	- 1
1.2717302	- 1	1.0081859	0	8.1859165	- 3	1.2821405	- 1
1.2742984	- 1	1.0082194	0	8.2194211	- 3	1.2847724	- 1
1.2801124	- 1	1.0082955	0	8.2955332	- 3	1.2907317	- 1
1.2891523	- 1	1.0084146	0	8.4145972	- 3	1.3000000	- 1
1.2955956	- 1	1.0085000	0	8.5000000	- 3	1.3066082	- 1
1.3000000	- 1	1.0085586	0	8.5586348	- 3	1.3111262	- 1
1.3011564	- 1	1.0085741	0	8.5740647	- 3	1.3123126	- 1
1.3039069	- 1	1.0086108	0	8.6108221	- 3	1.3151346	- 1
1.3298879	- 1	1.0089621	0	8.9620637	- 3	1.3418065	- 1

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β						
4.5988640	3	2.2919120	2	1.8043449	- 9	1.3446561	- 1	9.0000000	- 3	1.0090000	0	1.3326621	- 1
4.6000000	3	2.2921963	2	1.8041211	- 9	1.3448229	- 1	1.3448229	- 3	1.0090022	0	1.3328245	- 1
4.6209932	3	2.2974443	2	1.8000000	- 9	1.3479019	- 1	9.0433068	- 3	1.0090433	0	1.3358216	- 1
4.6312334	3	2.3000000	2	1.7979999	- 9	1.3494013	- 1	9.0633470	- 3	1.0090633	0	1.3372810	- 1
4.7776646	3	2.3362446	2	1.7701057	- 9	1.3706658	- 1	9.3499136	- 3	1.0093499	0	1.3579689	- 1
4.8000000	3	2.3417246	2	1.7659634	- 9	1.3738809	- 1	9.3936241	- 3	1.0093936	0	1.3610953	- 1
4.8543565	3	2.3550088	2	1.7560019	- 9	1.3816747	- 1	9.5000000	- 3	1.0095000	0	1.3686723	- 1
4.9757740	3	2.3844196	2	1.7343423	- 9	1.3989300	- 1	9.7376146	- 3	1.0097376	0	1.3854391	- 1
4.9833520	3	2.3862435	2	1.7330167	- 9	1.4000000	- 1	9.7524449	- 3	1.0097524	0	1.3864784	- 1
5.0000000	3	2.3902454	2	1.7301152	- 9	1.4023479	- 1	9.7850251	- 3	1.0097850	0	1.3887589	- 1
5.0406936	3	2.4000000	2	1.7230833	- 9	1.4080709	- 1	9.8646626	- 3	1.0098647	0	1.3943164	- 1
5.0824878	3	2.4099781	2	1.7159491	- 9	1.4139250	- 1	9.9464541	- 3	1.0099465	0	1.4000000	- 1
5.1098489	3	2.4164886	2	1.7113260	- 9	1.4177447	- 1	1.0000000	- 2	1.0100000	0	1.4037076	- 1
5.1778206	3	2.4325881	2	1.7000000	- 9	1.4271902	- 1	1.0133021	- 2	1.0101330	0	1.4128736	- 1
5.4672319	3	2.5000000	2	1.6541599	- 9	1.4667405	- 1	1.0699400	- 2	1.0106994	0	1.4512134	- 1
5.4707147	3	2.5008004	2	1.6536305	- 9	1.4672101	- 1	1.0706216	- 2	1.0107062	0	1.4516682	- 1
5.5000000	3	2.5075207	2	1.6491987	- 9	1.4711529	- 1	1.0763528	- 2	1.0107635	0	1.4554867	- 1
5.6208338	3	2.5350650	2	1.6312796	- 9	1.4873130	- 1	1.1000000	- 2	1.0110000	0	1.4711306	- 1
5.7166031	3	2.5566894	2	1.6174823	- 9	1.5000000	- 1	1.1187421	- 2	1.0111874	0	1.4834045	- 1
5.8414996	3	2.5846249	2	1.6000000	- 9	1.5163896	- 1	1.1431844	- 2	1.0114318	0	1.4992504	- 1
5.8474429	3	2.5859469	2	1.5991821	- 9	1.5171652	- 1	1.1443475	- 2	1.0114435	0	1.5000000	- 1
5.9108061	3	2.6000000	2	1.5905384	- 9	1.5254101	- 1	1.1567477	- 2	1.0115675	0	1.5079668	- 1
5.9651816	3	2.6120008	2	1.5832307	- 9	1.5324510	- 1	1.1673890	- 2	1.0116739	0	1.5147678	- 1
6.0000000	3	2.6196572	2	1.5786035	- 9	1.5369429	- 1	1.1742030	- 2	1.0117420	0	1.5191055	- 1
6.1318187	3	2.6484473	2	1.5614431	- 9	1.55338340	- 1	1.2000000	- 2	1.0120000	0	1.5354091	- 1
6.3713725	3	2.7000000	2	1.5316296	- 9	1.5840798	- 1	1.2468808	- 2	1.0124688	0	1.5645714	- 1
6.4591760	3	2.7186567	2	1.5211188	- 9	1.5950256	- 1	1.2640640	- 2	1.0126406	0	1.5751151	- 1
6.4992742	3	2.7271354	2	1.5163896	- 9	1.6000000	- 1	1.2719112	- 2	1.0127191	0	1.5799050	- 1
6.5000000	3	2.7272886	2	1.5163044	- 9	1.6008999	- 1	1.2720533	- 2	1.0127205	0	1.5799916	- 1
6.6411614	3	2.7569332	2	1.5000000	- 9	1.6174823	- 1	1.2996786	- 2	1.0129968	0	1.5967299	- 1
6.6428036	3	2.7572763	2	1.4998134	- 9	1.6176835	- 1	1.3000000	- 2	1.0130000	0	1.5969235	- 1
6.6689269	3	2.7627276	2	1.4968540	- 9	1.6208818	- 1	1.3051123	- 2	1.0130511	0	1.6000000	- 1
6.8488856	3	2.8000000	2	1.4769285	- 9	1.6427494	- 1	1.3403303	- 2	1.0134033	0	1.6210223	- 1
6.9526991	3	2.8212833	2	1.4657868	- 9	1.6552362	- 1	1.3606467	- 2	1.0136065	0	1.6330167	- 1
7.0000000	3	2.8309291	2	1.4607925	- 9	1.6608954	- 1	1.3699035	- 2	1.0136990	0	1.6384502	- 1
7.1537885	3	2.8620714	2	1.4448975	- 9	1.6791665	- 1	1.4000000	- 2	1.0140000	0	1.6559827	- 1
7.3311415	3	2.8975814	2	1.4271902	- 9	1.7000000	- 1	1.4347081	- 2	1.0143471	0	1.6759549	- 1
7.3432986	3	2.9000000	2	1.4259999	- 9	1.7014190	- 1	1.4370872	- 2	1.0143709	0	1.6773145	- 1
7.4457526	3	2.9203057	2	1.4160846	- 9	1.7133323	- 1	1.4571375	- 2	1.0145714	0	1.6887252	- 1
7.5000000	3	2.9310018	2	1.4109168	- 9	1.7196077	- 1	1.4677538	- 2	1.0146775	0	1.6947332	- 1

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β								
7.5477290	3	7.6034725	3	2.9403815	2	1.4064161	- 9	1.7251107	- 1	1.4770944	- 2	1.0147709	0	1.7000000	- 1
7.6165597	3	7.6723246	3	2.9538570	2	1.4000000	- 9	1.7330167	- 1	1.4905646	- 2	1.0149056	0	1.7075644	- 1
7.6647734	3	7.7222592	3	2.9632608	2	1.3955572	- 9	1.7385339	- 1	1.5000000	- 2	1.0150000	0	1.7128412	- 1
7.8545632	3	7.9149311	3	3.0000000	2	1.3784666	- 9	1.7600886	- 1	1.5371420	- 2	1.0153714	0	1.7334431	- 1
7.9383375	3	8.0000000	3	3.0160788	2	1.3711180	- 9	1.7695220	- 1	1.5535366	- 2	1.0155354	0	1.7424523	- 1
8.0000000	3	8.0626242	3	3.0278607	2	1.3657827	- 9	1.7764344	- 1	1.5656040	- 2	1.0156560	0	1.7490512	- 1
8.1757583	3	8.2411644	3	3.0612019	2	1.3509072	- 9	1.7959955	- 1	1.6000000	- 2	1.0160000	0	1.7677122	- 1
8.2119686	3	8.2779553	3	3.0680273	2	1.3479019	- 9	1.8000000	- 1	1.6070864	- 2	1.0160709	0	1.7715300	- 1
8.4304553	3	8.5000000	3	3.1089028	2	1.3301798	- 9	1.8239815	- 1	1.6498443	- 2	1.0164984	0	1.7943771	- 1
8.4846993	3	8.5551418	3	3.1189707	2	1.3258861	- 9	1.8298883	- 1	1.6604599	- 2	1.0166046	0	1.8000000	- 1
8.5000000	3	8.5706968	3	3.1218049	2	1.3246824	- 9	1.8315511	- 1	1.6634543	- 2	1.0166345	0	1.8015826	- 1
8.6867432	3	8.7605805	3	3.1561972	2	1.3102476	- 9	1.8517289	- 1	1.7000000	- 2	1.0170000	0	1.8207757	- 1
8.8230673	3	8.8992403	3	3.1810768	2	1.3000000	- 9	1.8663257	- 1	1.7266787	- 2	1.0172668	0	1.8346472	- 1
8.9221073	3	9.0000000	3	3.1990346	2	1.2927024	- 9	1.8768615	- 1	1.7460609	- 2	1.0174606	0	1.8446527	- 1
8.9274468	3	9.0054327	3	3.2000000	2	1.2923124	- 9	1.8774279	- 1	1.7471058	- 2	1.0174711	0	1.8451904	- 1
9.0000000	3	9.0792587	3	3.2130899	2	1.2870476	- 9	1.8851077	- 1	1.7613045	- 2	1.0176130	0	1.8524799	- 1
9.1415067	3	9.2232773	3	3.2384733	2	1.2769597	- 9	1.9000000	- 1	1.7889974	- 2	1.0178900	0	1.8666065	- 1
9.1977281	3	9.2805076	3	3.2485051	2	1.2730163	- 9	1.9058856	- 1	1.8000000	- 2	1.0180000	0	1.8721863	- 1
9.4132948	3	9.5000000	3	3.2866956	2	1.2582242	- 9	1.9282919	- 1	1.8421865	- 2	1.0184219	0	1.8934117	- 1
9.4807552	3	9.5687076	3	3.2985595	2	1.2536987	- 9	1.9352524	- 1	1.8553885	- 2	1.0185239	0	1.9000000	- 1
9.5000000	3	9.5883099	3	3.3019365	2	1.2524165	- 9	1.9372336	- 1	1.8591548	- 2	1.0185915	0	1.9018748	- 1
9.7087130	3	9.8009458	3	3.3383485	2	1.2387562	- 9	1.9585964	- 1	1.9000000	- 2	1.0190000	0	1.9220770	- 1
9.9040190	3	1.0000000	4	3.3720786	2	1.2263652	- 9	1.9783857	- 1	1.9382215	- 2	1.0193822	0	1.9407693	- 1
1.0000000	4	1.0097850	4	3.3885363	2	1.2204089	- 9	1.9880414	- 1	1.9570050	- 2	1.0195701	0	1.9498821	- 1
1.0067121	4	1.0166289	4	3.4000000	2	1.2162941	- 9	1.9947671	- 1	1.9701406	- 2	1.0197014	0	1.9562267	- 1
1.0119495	4	1.0219698	4	3.4089192	2	1.2131117	- 9	2.0000000	- 1	1.9803903	- 2	1.0198039	0	1.9611614	- 1
1.0219698	4	1.0321895	4	3.4259214	2	1.2070913	- 9	2.0099751	- 1	2.0000000	- 2	1.0200000	0	1.9705638	- 1
1.0339638	4	1.0442427	4	3.4461665	2	1.2000000	- 9	2.0218528	- 1	2.0234722	- 2	1.0202347	0	1.9817526	- 1
1.0536879	4	1.0645518	4	3.4792135	2	1.1886019	- 9	2.0412414	- 1	2.0620725	- 2	1.0206207	0	2.0000000	- 1
1.0730683	4	1.0843355	4	3.5113937	2	1.1777090	- 9	2.0601214	- 1	2.1000000	- 2	1.0210000	0	2.0177486	- 1
1.0884083	4	1.1000000	4	3.5366658	2	1.1692933	- 9	2.0749484	- 1	2.1300206	- 2	1.0213002	0	2.0316734	- 1
1.1000000	4	1.1118399	4	3.5556484	2	1.1630508	- 9	2.0860854	- 1	2.1527055	- 2	1.0215271	0	2.0421245	- 1
1.1145662	4	1.1267217	4	3.5793652	2	1.1553445	- 9	2.1000000	- 1	2.1812116	- 2	1.0218121	0	2.0551723	- 1
1.1241668	4	1.1365326	4	3.5949151	2	1.1503470	- 9	2.1091230	- 1	2.2000000	- 2	1.0220000	0	2.0637212	- 1
1.1273149	4	1.1397501	4	3.6000000	2	1.1487222	- 9	2.1121064	- 1	2.2061609	- 2	1.0220616	0	2.0665157	- 1
1.1654125	4	1.1787024	4	3.6610003	2	1.1295819	- 9	2.1478950	- 1	2.2807181	- 2	1.0228072	0	2.1000000	- 1
1.1752653	4	1.1887808	4	3.6766186	2	1.1247835	- 9	2.1570582	- 1	2.3000000	- 2	1.0230000	0	2.1085613	- 1
1.1862311	4	1.2000000	4	3.6939270	2	1.1195131	- 9	2.1672130	- 1	2.3214601	- 2	1.0232146	0	2.1180434	- 1
1.2000000	4	1.2140904	4	3.7155508	2	1.1129978	- 9	2.1798996	- 1	2.3484060	- 2	1.0234841	0	2.1298813	- 1
1.2219723	4	1.2365834	4	3.7498112	2	1.1028288	- 9	2.2000000	- 1	2.3914059	- 2	1.0239141	0	2.1486178	- 1

V	V*	H ρ	λ	p*	E*	W*	β								
1.2263637	4	3.7566228	2	1.1008291	- 9	2.2039964	- 1	2.4000000	- 2	2.4000000	0	1.0240000	0	2.1523402	- 1
1.2281915	4	3.7594544	2	1.1000000	- 9	2.2056576	- 1	2.4035769	- 2	2.4035769	0	1.0240358	0	2.1538873	- 1
1.2545072	4	3.8000000	2	1.0882631	- 9	2.2294456	- 1	2.4550768	- 2	2.4550768	0	1.0245508	0	2.1760226	- 1
1.2774622	4	3.8350342	2	1.0783215	- 9	2.2500000	- 1	2.5000000	- 2	2.5000000	0	1.0250000	0	2.1951220	- 1
1.2833620	4	3.8439893	2	1.0758094	- 9	2.2552539	- 1	2.5115459	- 2	2.5115459	0	1.0251155	0	2.2000000	- 1
1.2838711	4	3.8447611	2	1.0755934	- 9	2.2557068	- 1	2.5125422	- 2	2.5125422	0	1.0251254	0	2.2004203	- 1
1.3000000	4	3.8691375	2	1.0688170	- 9	2.2700083	- 1	2.5441065	- 2	2.5441065	0	1.0254411	0	2.2136897	- 1
1.3285607	4	3.9119484	2	1.0571203	- 9	2.2951253	- 1	2.6000000	- 2	2.6000000	0	1.0260000	0	2.2369642	- 1
1.3341384	4	3.9202571	2	1.0548797	- 9	2.3000000	- 1	2.6109156	- 2	2.6109156	0	1.0261092	0	2.2414769	- 1
1.3796592	4	3.9874521	2	1.0371033	- 9	2.3394230	- 1	2.7000000	- 2	2.7000000	0	1.0270000	0	2.2779192	- 1
1.3813295	4	3.9898972	2	1.0364678	- 9	2.3408575	- 1	2.7032687	- 2	2.7032687	0	1.0270327	0	2.2792435	- 1
1.3882410	4	4.0000000	2	1.0338500	- 9	2.3467848	- 1	2.7167947	- 2	2.7167947	0	1.0271679	0	2.2847139	- 1
1.4000000	4	4.0171331	2	1.0294406	- 9	2.3568368	- 1	2.7398070	- 2	2.7398070	0	1.0273981	0	2.2939860	- 1
1.4076567	4	4.0282519	2	1.0265991	- 9	2.3633601	- 1	2.7547912	- 2	2.7547912	0	1.0275479	0	2.3000000	- 1
1.4307577	4	4.0616239	2	1.0181641	- 9	2.3829394	- 1	2.8000000	- 2	2.8000000	0	1.0280000	0	2.3180344	- 1
1.4510341	4	4.0907031	2	1.0109264	- 9	2.4000000	- 1	2.8396811	- 2	2.8396811	0	1.0283968	0	2.3337295	- 1
1.4786072	4	4.1299359	2	1.0013230	- 9	2.4230178	- 1	2.8936417	- 2	2.8936417	0	1.0289364	0	2.3548761	- 1
1.4818562	4	4.1345356	2	1.0002090	- 9	2.4257164	- 1	2.9000000	- 2	2.9000000	0	1.0290000	0	2.3573531	- 1
1.4824670	4	4.1353998	2	1.0000000	- 9	2.4262234	- 1	2.9011953	- 2	2.9011953	0	1.0290120	0	2.3578185	- 1
1.5000000	4	4.1601342	2	9.9405444	-10	2.4407349	- 1	2.9355075	- 2	2.9355075	0	1.0293551	0	2.3711302	- 1
1.5284666	4	4.2000000	2	9.8461901	-10	2.4641241	- 1	2.9912168	- 2	2.9912168	0	1.0299122	0	2.3925575	- 1
1.5329547	4	4.2062527	2	9.8315534	-10	2.4677925	- 1	3.0000000	- 2	3.0000000	0	1.0300000	0	2.3959151	- 1
1.5384250	4	4.2138620	2	9.8137996	-10	2.4722569	- 1	3.0107054	- 2	3.0107054	0	1.0301071	0	2.4000000	- 1
1.5726279	4	4.2611491	2	9.7048936	-10	2.5000000	- 1	3.0776406	- 2	3.0776406	0	1.0307764	0	2.4253562	- 1
1.5757053	4	4.2653795	2	9.6952682	-10	2.5024820	- 1	3.0836631	- 2	3.0836631	0	1.0308366	0	2.4276223	- 1
1.6000000	4	4.2986393	2	9.6202532	-10	2.5219954	- 1	3.1312080	- 2	3.1312080	0	1.0313121	0	2.4454241	- 1
1.6351517	4	4.3463386	2	9.5146747	-10	2.5499804	- 1	3.2000000	- 2	3.2000000	0	1.0320000	0	2.4709112	- 1
1.6401286	4	4.3530524	2	9.5000000	-10	2.5539194	- 1	3.2097399	- 2	3.2097399	0	1.0320974	0	2.4744945	- 1
1.6726247	4	4.3966525	2	9.4057918	-10	2.5794994	- 1	3.2733349	- 2	3.2733349	0	1.0327333	0	2.4977400	- 1
1.6751322	4	4.4000000	2	9.3986360	-10	2.5814633	- 1	3.2782421	- 2	3.2782421	0	1.0327824	0	2.4995229	- 1
1.6758035	4	4.4008958	2	9.3967230	-10	2.5819889	- 1	3.2795557	- 2	3.2795557	0	1.0327956	0	2.5000000	- 1
1.6988872	4	4.4315950	2	9.3316285	-10	2.6000000	- 1	3.3247308	- 2	3.3247308	0	1.0332473	0	2.5163385	- 1
1.7000000	4	4.4330699	2	9.3285239	-10	2.6008653	- 1	3.3269085	- 2	3.3269085	0	1.0332691	0	2.5171229	- 1
1.7373486	4	4.4823075	2	9.2260511	-10	2.6297528	- 1	3.4000000	- 2	3.4000000	0	1.0340000	0	2.5432813	- 1
1.7693664	4	4.5241181	2	9.1407865	-10	2.6542830	- 1	3.4626590	- 2	3.4626590	0	1.0346266	0	2.5654502	- 1
1.8000000	4	4.5637860	2	9.0613360	-10	2.6775559	- 1	3.5226090	- 2	3.5226090	0	1.0352261	0	2.5864456	- 1
1.8199378	4	4.5894319	2	9.0107010	-10	2.6926023	- 1	3.5616276	- 2	3.5616276	0	1.0356163	0	2.6000000	- 1
1.8241936	4	4.5948887	2	9.0000000	-10	2.6958038	- 1	3.5699561	- 2	3.5699561	0	1.0356996	0	2.6028820	- 1
1.8281842	4	4.6000000	2	8.9899996	-10	2.6988026	- 1	3.5777656	- 2	3.5777656	0	1.0357777	0	2.6055810	- 1
1.8297788	4	4.6020410	2	8.9860126	-10	2.7000000	- 1	3.5808863	- 2	3.5808863	0	1.0358089	0	2.6066585	- 1

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β						
2.7272216	4	5.6425667	2	7.3289339	-10	3.3104725	-1	5.3371863	-2	1.0533719	0	3.1427387	-1
2.8000000	4	5.7193421	2	7.2305516	-10	3.3555163	-1	5.4796140	-2	1.0547961	0	3.1811989	-1
2.8104169	4	5.7302554	2	7.2167811	-10	3.3619191	-1	5.5000000	-2	1.0550000	0	3.1866532	-1
2.8220712	4	5.7424429	2	7.2014645	-10	3.3690695	-1	5.5228075	-2	1.0552281	0	3.1927406	-1
2.8360084	4	5.7569873	2	7.1832707	-10	3.3776026	-1	5.5500827	-2	1.0555008	0	3.2000000	-1
2.8727404	4	5.7951627	2	7.1359512	-10	3.4000000	-1	5.6219674	-2	1.0562197	0	3.2190273	-1
2.9000000	4	5.8233484	2	7.1014124	-10	3.4165364	-1	5.6753145	-2	1.0567531	0	3.2330506	-1
2.9167543	4	5.8406114	2	7.0804228	-10	3.4266646	-1	5.7081029	-2	1.0570810	0	3.2416291	-1
2.9823007	4	5.9077140	2	7.0000000	-10	3.4660334	-1	5.8363774	-2	1.0583638	0	3.2748979	-1
3.0000000	4	5.9257171	2	6.9787331	-10	3.4765958	-1	5.8710150	-2	1.0587102	0	3.2838032	-1
3.0659094	4	5.9923332	2	6.9011513	-10	3.5156792	-1	6.0000000	-2	1.0600000	0	3.3166785	-1
3.0735369	4	6.0000000	2	6.8923330	-10	3.5201773	-1	6.0149272	-2	1.0601493	0	3.3204543	-1
3.1056244	4	6.0321575	2	6.8555899	-10	3.5390440	-1	6.0777225	-2	1.0607772	0	3.3362744	-1
3.2000000	4	6.1258693	2	6.7507151	-10	3.5940243	-1	6.2624160	-2	1.0626242	0	3.3822159	-1
3.2103352	4	6.1360546	2	6.7395094	-10	3.6000000	-1	6.2826420	-2	1.0628264	0	3.3871947	-1
3.2370139	4	6.1622777	2	6.7108300	-10	3.6153850	-1	6.3348525	-2	1.0633485	0	3.4000000	-1
3.2938386	4	6.2178057	2	6.6508991	-10	3.6479630	-1	6.4460587	-2	1.0644606	0	3.4270531	-1
3.3214018	4	6.2445827	2	6.6223797	-10	3.6636730	-1	6.5000000	-2	1.0650000	0	3.4400686	-1
3.4000000	4	6.3203898	2	6.5429506	-10	3.7081487	-1	6.6538171	-2	1.0665382	0	3.4768083	-1
3.4436577	4	6.3621536	2	6.5000000	-10	3.7326514	-1	6.7392554	-2	1.0673926	0	3.4969809	-1
3.4814038	4	6.3980692	2	6.4635122	-10	3.7537230	-1	6.8131247	-2	1.0681312	0	3.5142900	-1
3.5649541	4	6.4769466	2	6.3847984	-10	3.8000000	-1	6.9766330	-2	1.0697663	0	3.5521776	-1
3.5768943	4	6.4881504	2	6.3737730	-10	3.8065733	-1	7.0000000	-2	1.0700000	0	3.5575451	-1
3.5895422	4	6.5000000	2	6.3621536	-10	3.8135254	-1	7.0247521	-2	1.0702475	0	3.5632181	-1
3.6000000	4	6.5097834	2	6.3525920	-10	3.8192653	-1	7.0452181	-2	1.0704522	0	3.5678990	-1
3.6683266	4	6.5733913	2	6.2911208	-10	3.8565837	-1	7.1789336	-2	1.0717893	0	3.5982666	-1
3.6722521	4	6.5770293	2	6.2876409	-10	3.8587182	-1	7.1866157	-2	1.0718662	0	3.6000000	-1
3.8000000	4	6.6944854	2	6.1773230	-10	3.9276292	-1	7.4366191	-2	1.0743662	0	3.6557640	-1
3.8323867	4	6.7239798	2	6.1502264	-10	3.9449335	-1	7.5000000	-2	1.0750000	0	3.6697055	-1
3.85446136	4	6.7441571	2	6.1318260	-10	3.9567714	-1	7.5434982	-2	1.0754350	0	3.6792289	-1
3.9362680	4	6.8178385	2	6.0655585	-10	4.0000000	-1	7.7032961	-2	1.0770330	0	3.7139068	-1
4.0000000	4	6.8748738	2	6.0152374	-10	4.0334624	-1	7.8280201	-2	1.0782802	0	3.7406441	-1
4.0196005	4	6.8923330	2	6.0000000	-10	4.0437057	-1	7.8663782	-2	1.0786638	0	3.7488101	-1
4.0402713	4	6.9107046	2	5.9840495	-10	4.0544842	-1	7.9068312	-2	1.0790683	0	3.7573934	-1
4.0878791	4	6.9528583	2	5.9477695	-10	4.0792156	-1	8.0000000	-2	1.0800000	0	3.7770515	-1
4.1414143	4	7.0000000	2	5.9077140	-10	4.1068735	-1	8.1047685	-2	1.0810477	0	3.7989753	-1
4.1439278	4	7.0022067	2	5.9058523	-10	4.1081681	-1	8.1096875	-2	1.0810969	0	3.8000000	-1
4.2000000	4	7.0512798	2	5.8647507	-10	4.1369591	-1	8.2194211	-2	1.0821942	0	3.8227511	-1
4.2253059	4	7.0733317	2	5.8464667	-10	4.1498969	-1	8.2689448	-2	1.0826894	0	3.8329522	-1
4.3239413	4	7.1587304	2	5.7767224	-10	4.2000000	-1	8.4619749	-2	1.0846197	0	3.8723248	-1

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β										
4.3433716	4	4.5279649	4	7.1754511	2	5.7632611	-10	4.2098100	-1	8.5000000	-2	1.0850000	0	1.0850000	0	3.8800092	-1
4.4000000	4	4.5894381	4	7.2239951	2	5.7245330	-10	4.2382905	-1	8.6108221	-2	1.0861082	0	1.0861082	0	3.9022728	-1
4.4097237	4	4.6000000	4	7.2323028	2	5.7179573	-10	4.2431646	-1	8.6298514	-2	1.0862985	0	1.0862985	0	3.9060761	-1
4.45935308	4	4.8000000	4	7.3878540	2	5.5975657	-10	4.3344259	-1	8.9895629	-2	1.0898956	0	1.0898956	0	3.9769184	-1
4.45988640	4	4.8058129	4	7.3923261	2	5.5941794	-10	4.3370497	-1	9.0000000	-2	1.0900000	0	1.0900000	0	3.9789447	-1
4.6000000	4	4.8070511	4	7.3932783	2	5.5934589	-10	4.3376084	-1	9.0022231	-2	1.0900222	0	1.0900222	0	3.9793761	-1
4.6545334	4	4.8656228	4	7.4388717	2	5.5591762	-10	4.3643578	-1	9.1089451	-2	1.0910895	0	1.0910895	0	4.0000000	-1
4.7276334	4	4.9463338	4	7.4996223	2	5.5141441	-10	4.4000000	-1	9.2520023	-2	1.0925200	0	1.0925200	0	4.0273861	-1
4.7280894	4	4.9468319	4	7.5000000	2	5.5138664	-10	4.4002216	-1	9.2528946	-2	1.0925289	0	1.0925289	0	4.0275560	-1
4.7509446	4	4.9718070	4	7.5189088	2	5.5000000	-10	4.4113153	-1	9.2976223	-2	1.0929762	0	1.0929762	0	4.0360579	-1
4.7767333	4	5.0000000	4	7.5401969	2	5.4844719	-10	4.4238049	-1	9.3480911	-2	1.0934809	0	1.0934809	0	4.0456170	-1
4.8000000	4	5.0254470	4	7.5593601	2	5.4705687	-10	4.4350479	-1	9.3936241	-2	1.0939362	0	1.0939362	0	4.0542106	-1
4.8543565	4	5.0849384	4	7.6039724	2	5.4384729	-10	4.4612218	-1	9.5000000	-2	1.0950000	0	1.0950000	0	4.0741752	-1
5.0000000	4	5.2446256	4	7.7224469	2	5.3550382	-10	4.5307303	-1	9.7850251	-2	1.0978503	0	1.0978503	0	4.1269110	-1
5.1098489	4	5.3653414	4	7.8108152	2	5.2944535	-10	4.5825757	-1	1.0000000	-1	1.1000000	0	1.1000000	0	4.1659779	-1
5.1469992	4	5.4062202	4	7.8405143	2	5.2743987	-10	4.6000000	-1	1.0072703	-1	1.1007270	0	1.1007270	0	4.1790561	-1
5.2068904	4	5.4721792	4	7.8881987	2	5.2425148	-10	4.6279762	-1	1.0189911	-1	1.1018991	0	1.1018991	0	4.2000000	-1
5.2321328	4	5.5000000	4	7.9082252	2	5.2292388	-10	4.6397258	-1	1.0239310	-1	1.1023931	0	1.1023931	0	4.2087761	-1
5.3484824	4	5.6283955	4	8.0000000	2	5.1692498	-10	4.6935697	-1	1.0467007	-1	1.1046701	0	1.1046701	0	4.2488430	-1
5.5000000	4	5.7959970	4	8.1182377	2	5.0939625	-10	4.7629393	-1	1.0763528	-1	1.1076353	0	1.1076353	0	4.3000971	-1
5.5816909	4	5.8865460	4	8.1814062	2	5.0546321	-10	4.8000000	-1	1.0923397	-1	1.1092340	0	1.1092340	0	4.3273107	-1
5.6208338	4	5.9299797	4	8.2115339	2	5.0360869	-10	4.8176758	-1	1.1000000	-1	1.1100000	0	1.1100000	0	4.3402485	-1
5.6838801	4	6.0000000	4	8.2598719	2	5.0066150	-10	4.8460355	-1	1.1123382	-1	1.1112338	0	1.1112338	0	4.3609503	-1
5.6981746	4	6.0158865	4	8.2707997	2	5.0000000	-10	4.8524468	-1	1.1151356	-1	1.1151356	0	1.1151356	0	4.3656209	-1
5.8042012	4	6.1338464	4	8.3514933	2	4.9516891	-10	4.8997894	-1	1.1358851	-1	1.1358851	0	1.1358851	0	4.4000000	-1
6.0000000	4	6.3522609	4	8.4988830	2	4.8658157	-10	4.9862624	-1	1.1742030	-1	1.1742030	0	1.1742030	0	4.4622980	-1
6.0014944	4	6.3539308	4	8.5000000	2	4.8651763	-10	4.9869178	-1	1.1744955	-1	1.1744955	0	1.1744955	0	4.4627677	-1
6.0313585	4	6.3873112	4	8.5222981	2	4.8524468	-10	5.0000000	-1	1.1803399	-1	1.1803399	0	1.1803399	0	4.4721360	-1
6.1318187	4	6.4997278	4	8.5969672	2	4.8103008	-10	5.0438081	-1	1.2000000	-1	1.2000000	0	1.2000000	0	4.5034001	-1
6.1320617	4	6.5000000	4	8.5971472	2	4.8102001	-10	5.0439137	-1	1.2000476	-1	1.2000476	0	1.2000476	0	4.5034752	-1
6.1567479	4	6.5276546	4	8.6154163	2	4.8000000	-10	5.0546321	-1	1.2048787	-1	1.2048787	0	1.2048787	0	4.5110994	-1
6.4501094	4	6.572047	4	8.8302143	2	4.6832384	-10	5.1806532	-1	1.2622896	-1	1.2622896	0	1.2622896	0	4.6000000	-1
6.5000000	4	6.9134173	4	8.8663337	2	4.6641599	-10	5.2018444	-1	1.2720533	-1	1.2720533	0	1.2720533	0	4.6148153	-1
6.5767607	4	7.0000000	4	8.9216813	2	4.6352248	-10	5.2343166	-1	1.2870754	-1	1.2870754	0	1.2870754	0	4.6374428	-1
6.6428036	4	7.0745859	4	8.9690862	2	4.6107259	-10	5.2621288	-1	1.3000000	-1	1.3000000	0	1.3000000	0	4.6567512	-1
6.6720267	4	7.1076163	4	8.9899996	2	4.6000000	-10	5.2743987	-1	1.3057190	-1	1.3057190	0	1.3057190	0	4.6652484	-1
6.6860194	4	7.1234380	4	9.0000000	2	4.5948887	-10	5.2802605	-1	1.3084574	-1	1.3084574	0	1.3084574	0	4.6693070	-1
7.0000000	4	7.4794662	4	9.2221671	2	4.4841953	-10	5.4106109	-1	1.3699035	-1	1.3699035	0	1.3699035	0	4.7587128	-1
7.0180569	4	7.5000000	4	9.2348175	2	4.4780526	-10	5.4180324	-1	1.3734373	-1	1.3734373	0	1.3734373	0	4.7637599	-1
7.1487748	4	7.6488383	4	9.3260003	2	4.4342694	-10	5.4715290	-1	1.3990188	-1	1.3990188	0	1.3990188	0	4.8000000	-1

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β			
7.1537885	4	9.3294840	4.4326137	-10	5.4735729	-1	1.4000000	-1	4.8013797	-1
7.2187460	4	9.3745279	4.41113153	-10	5.5000000	-1	1.4127122	-1	4.8191875	-1
7.2536106	4	9.3986360	4.4000000	-10	5.5141441	-1	1.4195352	-1	4.8286940	-1
7.4009513	4	9.5000000	4.3530524	-10	5.5736140	-1	1.4483699	-1	4.8684783	-1
7.4560275	4	9.5376785	4.3358558	-10	5.5957198	-1	1.4591483	-1	4.8831900	-1
7.5000000	4	9.5676796	4.3222600	-10	5.6133213	-1	1.4677538	-1	4.8948743	-1
7.6647734	4	9.6794700	4.2723412	-10	5.6789083	-1	1.5000000	-1	4.9381812	-1
7.8907464	4	9.8312140	4.2063980	-10	5.7679360	-1	1.5442230	-1	4.9963830	-1
7.9049638	4	9.8407022	4.2023422	-10	5.7735027	-1	1.5470054	-1	5.0000000	-1
7.9131916	4	9.8461901	4.2000000	-10	5.7767224	-1	1.5486156	-1	5.0020908	-1
8.0000000	4	9.9039513	4.1755050	-10	5.8106107	-1	1.5656040	-1	5.0240443	-1
8.1451892	4	1.0000000	4.1353998	-10	5.8669621	-1	1.5940176	-1	5.0603357	-1
8.1757583	4	1.0020135	4.1270898	-10	5.8787754	-1	1.6000000	-1	5.0679098	-1
8.3222850	4	1.0116236	4.0878840	-10	5.9351571	-1	1.6286753	-1	5.1038979	-1
8.4920773	4	1.0226758	4.0437057	-10	6.0000000	-1	1.6619038	-1	5.1449576	-1
8.5000000	4	1.0231893	4.0416761	-10	6.0030130	-1	1.6634543	-1	5.1468569	-1
8.6651207	4	1.0338500	4.0000000	-10	6.0655585	-1	1.6957685	-1	5.1861137	-1
8.6867432	4	1.0352400	3.9946291	-10	6.0737139	-1	1.7000000	-1	5.1912084	-1
8.7507121	4	1.0393444	3.9788541	-10	6.0977943	-1	1.7125187	-1	5.2062195	-1
9.0000000	4	1.0552282	3.9189624	-10	6.1909841	-1	1.7613045	-1	5.2638583	-1
9.1760940	5	1.0663449	3.8781073	-10	6.2562049	-1	1.7957662	-1	5.3037716	-1
9.1977281	5	1.0677049	3.8731676	-10	6.2641839	-1	1.8000000	-1	5.3086304	-1
9.5000000	4	1.0865787	3.8058909	-10	6.3749158	-1	1.8591548	-1	5.3755229	-1
9.5271606	5	1.0882631	3.8000000	-10	6.3847984	-1	1.8644701	-1	5.3814442	-1
9.7087130	5	1.0994755	3.7612477	-10	6.4505814	-1	1.9000000	-1	5.4206566	-1
9.7172371	5	1.1000000	3.7594544	-10	6.4536583	-1	1.9016682	-1	5.4224821	-1
9.8459658	5	1.1078988	3.7326514	-10	6.5000000	-1	1.9268604	-1	5.4498835	-1
1.0000000	5	1.1172986	3.7012487	-10	6.5551483	-1	1.9570050	-1	5.4822661	-1
1.0017976	5	1.1183919	3.6976302	-10	6.5615631	-1	1.9605230	-1	5.4860169	-1
1.0085241	5	1.1224766	3.6841746	-10	6.5855277	-1	1.9736868	-1	5.5000000	-1
1.0219698	5	1.1306106	3.6576694	-10	6.6332496	-1	2.0000000	-1	5.5277080	-1
1.0521498	5	1.1487222	3.6000000	-10	6.7395094	-1	2.0590625	-1	5.5887508	-1
1.0730683	5	1.1611612	3.5614348	-10	6.8124885	-1	2.1000000	-1	5.6301558	-1
1.0848418	5	1.1681223	3.5402114	-10	6.8533291	-1	2.1230409	-1	5.6531436	-1
1.1000000	5	1.1770432	3.5133797	-10	6.9056681	-1	2.1527055	-1	5.6824121	-1
1.1241668	5	1.1911722	3.4717062	-10	6.9885621	-1	2.2000000	-1	5.7283296	-1
1.1275166	5	1.1931217	3.4660334	-10	7.0000000	-1	2.2065556	-1	5.7346234	-1
1.1393645	5	1.2000000	3.4461665	-10	7.0403545	-1	2.2297421	-1	5.7567481	-1
1.1667874	5	1.2158202	3.4013251	-10	7.1331711	-1	2.2834087	-1	5.8071593	-1
1.1676124	5	1.2162941	3.4000000	-10	7.1359512	-1	2.2850234	-1	5.8086590	-1

V	V*	H ρ	λ	p^*	E*	W*	β				
1.1752653	5	1.3104208	3	3.3877741	-10	7.1617037	-1	1.2300000	0	5.8225233	-1
1.2000000	5	1.3409044	3	3.3490445	-10	7.2445242	-1	2.3484060	-1	2.3484060	0
1.2263637	5	1.3735274	3	3.3090334	-10	7.3321211	-1	2.4000000	-1	1.2400000	0
1.2476768	5	1.4000000	3	3.2775989	-10	7.4024415	-1	2.4417097	-1	1.2441710	0
1.2774622	5	1.4371450	3	3.2349645	-10	7.5000000	-1	2.5000000	-1	1.2500000	0
1.3000000	5	1.4653669	3	3.2036615	-10	7.5732825	-1	2.5441065	-1	1.2544107	0
1.3026743	5	1.4687223	3	3.2000000	-10	7.5819481	-1	2.5493401	-1	1.2549340	0
1.3166247	5	1.4862482	5	3.1810768	-10	7.6270507	-1	2.5766412	-1	1.2576641	0
1.3275498	5	1.5000000	3	3.1664613	-10	7.6622549	-1	2.5980217	-1	1.2598022	0
1.3285607	5	1.5012736	5	3.1651179	-10	7.6655072	-1	2.6000000	-1	1.2600000	0
1.3796592	5	1.5659132	5	3.0991028	-10	7.8287930	-1	2.7000000	-1	1.2700000	0
1.4000000	5	1.5917865	5	3.0738128	-10	7.8932049	-1	2.7398070	-1	1.2739807	0
1.4064439	5	1.6000000	5	3.0659130	-10	7.9135429	-1	2.7524178	-1	1.2752418	0
1.4307577	5	1.6310638	5	3.0365773	-10	7.9899937	-1	2.8000000	-1	1.2800000	0
1.4339506	5	1.6351517	5	3.0327793	-10	8.0000000	-1	2.8062485	-1	1.2806248	0
1.4619457	5	1.6710796	5	3.0000000	-10	8.0874113	-1	2.8610350	-1	1.2861035	0
1.4818562	5	1.6967253	5	2.9772414	-10	8.1492331	-1	2.9000000	-1	1.2900000	0
1.4843942	5	1.7000000	5	2.9743725	-10	8.1570933	-1	2.9049669	-1	1.2904967	0
1.5000000	5	1.7201631	5	2.9568889	-10	8.2053248	-1	2.9355075	-1	1.2935508	0
1.5027307	5	1.7236961	5	2.9538570	-10	8.2137469	-1	2.9408515	-1	1.2940852	0
1.5329547	5	1.7628979	5	2.9208297	-10	8.3066239	-1	3.0000000	-1	1.3000000	0
1.5524764	5	1.7883135	5	2.9000000	-10	8.3662876	-1	3.0382042	-1	1.3038204	0
1.5614337	5	1.8000000	5	2.8905705	-10	8.3935797	-1	3.0557336	-1	1.3055734	0
1.5965236	5	1.8459329	5	2.8543805	-10	8.5000000	-1	3.1244048	-1	1.3124405	0
1.6000000	5	1.8504966	5	2.8508585	-10	8.5105008	-1	3.1312080	-1	1.3131208	0
1.6142186	5	1.8691872	5	2.8365695	-10	8.5533720	-1	3.1590339	-1	1.3159034	0
1.6351517	5	1.8967759	5	2.8158648	-10	8.6162637	-1	3.2000000	-1	1.3200000	0
1.6375937	5	1.9000000	5	2.8134747	-10	8.6235834	-1	3.2047791	-1	1.3204779	0
1.6514617	5	1.9183311	5	2.8000000	-10	8.6650836	-1	3.2319187	-1	1.3231919	0
1.6969570	5	1.9787328	5	2.7569332	-10	8.8004431	-1	3.3209534	-1	1.3320953	0
1.7000000	5	1.9827872	5	2.7541131	-10	8.8094546	-1	3.3269085	-1	1.3326909	0
1.7129036	5	2.0000000	5	2.7422360	-10	8.8476099	-1	3.3521609	-1	1.3352161	0
1.7373486	5	2.0326979	5	2.7200908	-10	8.9196412	-1	3.4000000	-1	1.3400000	0
1.7599704	5	2.0630612	5	2.7000000	-10	8.9860126	-1	3.4442710	-1	1.3444271	0
1.7647497	5	2.0694888	5	2.6958038	-10	9.0000000	-1	3.4536240	-1	1.3453624	0
1.7873912	5	2.1000000	5	2.6761483	-10	9.0661023	-1	3.4979336	-1	1.3497934	0
1.8000000	5	2.1170348	5	2.6653597	-10	9.1027993	-1	3.5226090	-1	1.3522609	0
1.8395456	5	2.1706638	5	2.6322282	-10	9.2173749	-1	3.6000000	-1	1.3600000	0
1.8610830	5	2.2000000	5	2.6146194	-10	9.2794515	-1	3.6421487	-1	1.3642149	0
1.8792456	5	2.2248101	5	2.6000000	-10	9.3316285	-1	3.6776932	-1	1.3677693	0

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β								
1.8986285	5	2.2513582	5	1.6000000	3	2.5846249	-10	9.3871393	-1	3.7156256	-1	1.3715626	0	6.8441204	-1
1.9000000	5	2.2532394	5	1.6006683	3	2.5835457	-10	9.3910604	-1	3.7183095	-1	1.3718310	0	6.8456397	-1
1.9340038	5	2.3000000	5	1.6171921	3	2.5571482	-10	9.4880046	-1	3.7848551	-1	1.3784855	0	6.8829193	-1
1.9382241	5	2.3058193	5	1.6192366	3	2.5539194	-10	9.5000000	-1	3.7931142	-1	1.3793114	0	6.8874946	-1
1.9417426	5	2.3106737	5	1.6209402	3	2.5512353	-10	9.5099947	-1	3.8000000	-1	1.3800000	0	6.8913005	-1
2.0000000	5	2.3914010	5	1.6490123	3	2.5078041	-10	9.6746925	-1	3.9140100	-1	1.3914010	0	6.9532022	-1
2.0061774	5	2.4000000	5	1.6519744	3	2.5033075	-10	9.6920710	-1	3.9260993	-1	1.3926099	0	6.9596452	-1
2.0107390	5	2.4063546	5	1.6541599	3	2.5000000	-10	9.7048936	-1	3.9350264	-1	1.3935026	0	6.9643884	-1
2.0439396	5	2.4527275	5	1.6700225	3	2.4762539	-10	9.7979590	-1	4.0000000	-1	1.4000000	0	6.9985421	-1
2.0453708	5	2.4547314	5	1.6707046	3	2.4752430	-10	9.8019606	-1	4.0028008	-1	1.4002801	0	7.0000000	-1
2.0776263	5	2.5000000	5	1.6860393	3	2.4527304	-10	9.8919286	-1	4.0659252	-1	1.4065925	0	7.0325474	-1
2.1000000	5	2.5315196	5	1.6966347	3	2.4374133	-10	9.9540912	-1	4.1097105	-1	1.4109711	0	7.0547806	-1
2.1071212	5	2.5415723	5	1.7000000	3	2.4325881	-10	9.9738356	-1	4.1236467	-1	1.4123647	0	7.0617991	-1
2.1165687	5	2.5549245	5	1.7044596	3	2.4262234	-10	1.0000000	0	4.1421356	-1	1.4142136	0	7.0710678	-1
2.1461366	5	2.5968252	5	1.7183794	3	2.4065698	-10	1.0081667	0	4.2000000	-1	1.4200000	0	7.0997652	-1
2.1483720	5	2.6000000	5	1.7194294	3	2.4051000	-10	1.0087827	0	4.2043747	-1	1.4204375	0	7.1019158	-1
2.1561554	5	2.6110618	5	1.7230833	3	2.4000000	-10	1.0109264	0	4.2196070	-1	1.4219607	0	7.1093837	-1
2.2000000	5	2.6735952	5	1.7435946	3	2.3717668	-10	1.0229603	0	4.3054110	-1	1.4305411	0	7.1508629	-1
2.2184347	5	2.7000000	5	1.7521834	3	2.3601409	-10	1.0279994	-1	4.3414877	-1	1.4341488	0	7.1680107	-1
2.2483335	5	2.7429669	5	1.7660702	3	2.3415829	-10	1.0361467	0	4.4000000	-1	1.4400000	0	7.1954632	-1
2.2878338	5	2.8000000	5	1.7843363	3	2.3176124	-10	1.0468633	0	4.4773023	-1	1.4477302	0	7.2310663	-1
2.3000000	5	2.8176278	5	1.7899442	3	2.3103512	-10	1.0501535	0	4.5011115	-1	1.4501112	0	7.2418827	-1
2.3175081	5	2.8430465	5	1.7979999	3	2.3000000	-10	1.0548797	0	4.5353750	-1	1.4535375	0	7.2573273	-1
2.3218608	5	2.8493752	5	1.8000000	3	2.2974443	-10	1.0560532	0	4.5438933	-1	1.4543893	0	7.2611450	-1
2.3505305	5	2.89111525	5	1.8131477	3	2.2807848	-10	1.0637669	0	4.6000000	-1	1.4600000	0	7.2860746	-1
2.3565880	5	2.9000000	5	1.8159199	3	2.2773030	-10	1.0653933	0	4.6118545	-1	1.4611854	0	7.2912943	-1
2.4000000	5	2.9636174	5	1.8357298	3	2.2527280	-10	1.0770157	0	4.6968120	-1	1.4696812	0	7.3282267	-1
2.4247147	5	3.0000000	5	1.8469635	3	2.2390263	-10	1.0836065	0	4.7451789	-1	1.4745179	0	7.3488866	-1
2.4527275	5	3.0413821	5	1.8596584	3	2.2327416	-10	1.0910545	0	4.8000000	-1	1.4800000	0	7.3719901	-1
2.4864876	5	3.0914586	5	1.8749056	3	2.2056576	-10	1.1000000	0	4.8660688	-1	1.4866069	0	7.3994007	-1
2.4971896	5	3.1073794	5	1.8797272	3	2.2000000	-10	1.1028288	0	4.8870125	-1	1.4887012	0	7.4079928	-1
2.5000000	5	3.1115641	5	1.8809925	3	2.1985201	-10	1.1035712	0	4.8925125	-1	1.4892513	0	7.4102416	-1
2.5423216	5	3.1747668	5	1.9000000	3	2.1765262	-10	1.1147228	0	4.9753361	-1	1.4975336	0	7.4437247	-1
2.5549245	5	3.1936556	5	1.9056438	3	2.1700802	-10	1.1180340	0	5.0000000	-1	1.5000000	0	7.4535599	-1
2.5591529	5	3.2000000	5	1.9075357	3	2.1679279	-10	1.1191440	0	5.0082751	-1	1.5008275	0	7.4568460	-1
2.6000000	5	3.2614677	5	1.9257692	3	2.1474016	-10	1.1298415	0	5.0882130	-1	1.5088213	0	7.4882391	-1
2.6155165	5	3.2849029	5	1.9326756	3	2.1397279	-10	1.1338934	0	5.1185789	-1	1.5118579	0	7.5000000	-1
2.6912746	5	3.4000000	5	1.9662428	3	2.1031990	-10	1.1535872	0	5.2668380	-1	1.5266838	0	7.5561632	-1
2.6980619	5	3.4103665	5	1.9692380	3	2.1000000	-10	1.1553445	0	5.2801206	-1	1.5280121	0	7.5610953	-1
2.7000000	5	3.4133283	5	1.9700930	3	2.0990887	-10	1.1558461	0	5.2839135	-1	1.5283914	0	7.5625007	-1

V	V*	Hρ	λ	p*	E*	W*	β								
2.7680232	5	3.5177472	5	2.0000000	3	2.0676999	-10	1.1733924	0	5.4170353	-1	1.5417035	0	7.6110121	-1
2.8000000	5	3.5671460	5	2.0139938	3	2.0533330	-10	1.1816025	0	5.4796140	-1	1.5479614	0	7.6332815	-1
2.8104169	5	3.5832816	5	2.0185437	3	2.0487046	-10	1.1842719	0	5.5000000	-1	1.5500000	0	7.6404641	-1
2.8211957	5	3.6000000	5	2.0232471	3	2.0439420	-10	1.1870314	0	5.5210941	-1	1.5521094	0	7.6478592	-1
2.8719903	5	3.6790912	5	2.0453515	3	2.0218528	-10	1.2000000	0	5.6204994	-1	1.5620499	0	7.6822128	-1
2.9000000	5	3.7229206	5	2.0574987	3	2.0099161	-10	1.2071267	0	5.6753145	-1	1.5675315	0	7.7008132	-1
2.9235747	5	3.7599290	5	2.0676999	3	2.0000000	-10	1.2131117	0	5.7214503	-1	1.5721450	0	7.7162837	-1
2.9490225	5	3.8000000	5	2.0786888	3	1.9894271	-10	1.2195589	0	5.7712517	-1	1.5772969	0	7.7327969	-1
2.985280	5	3.8783162	5	2.1000000	3	1.9692380	-10	1.2320620	0	5.8681343	-1	1.5868134	0	7.7643787	-1
3.0000000	5	3.8806523	5	2.1006323	3	1.9686452	-10	1.2324330	0	5.8710150	-1	1.5871015	0	7.7653070	-1
3.0659094	5	3.9856822	5	2.1288694	3	1.9425334	-10	1.2489996	0	6.0000000	-1	1.6000000	0	7.8062475	-1
3.0748531	5	4.0000000	5	2.1326897	3	1.9390536	-10	1.2512410	0	6.0175030	-1	1.6017503	0	7.8117107	-1
3.1779197	5	4.1661264	5	2.1765262	3	1.9000000	-10	1.2769597	0	6.2192048	-1	1.6219205	0	7.8731337	-1
3.1987783	5	4.2000000	5	2.1853567	3	1.8923226	-10	1.2821405	0	6.2600253	-1	1.6260025	0	7.8852306	-1
3.2000000	5	4.2019866	5	2.1858734	3	1.8918752	-10	1.2824437	0	6.2624160	-1	1.6262416	0	7.8859357	-1
3.2334379	5	4.2564741	5	2.2000000	3	1.8797272	-10	1.2907317	0	6.3278542	-1	1.6327854	0	7.9050906	-1
3.2709265	5	4.3178224	5	2.2157975	3	1.8663257	-10	1.3000000	0	6.4012195	-1	1.6401219	0	7.9262399	-1
3.3208822	5	4.4000000	5	2.2367839	3	1.8488151	-10	1.3123126	0	6.4989830	-1	1.6498983	0	7.9539000	-1
3.3214018	5	4.4008574	5	2.2370018	3	1.8486350	-10	1.3124405	0	6.5000000	-1	1.6500000	0	7.9541847	-1
3.4000000	5	4.5311489	5	2.2698745	3	1.8218627	-10	1.3317268	0	6.6538171	-1	1.6653817	0	7.9965258	-1
3.4065660	5	4.5420879	5	2.2726128	3	1.8196676	-10	1.3333333	0	6.6666667	-1	1.6666667	0	8.0000000	-1
3.4412426	5	4.6000000	5	2.2870550	3	1.8081768	-10	1.3418065	0	6.7345290	-1	1.6734529	0	8.0181908	-1
3.4662368	5	4.6418877	5	2.2974443	3	1.8000000	-10	1.3479019	0	6.7834428	-1	1.6783443	0	8.0311406	-1
3.4723912	5	4.6522206	5	2.3000000	3	1.7979999	-10	1.3494013	0	6.7954869	-1	1.6795487	0	8.0343088	-1
3.5599323	5	4.8000000	5	2.3362446	3	1.7701057	-10	1.3706658	0	6.9668053	-1	1.6966805	0	8.0785145	-1
3.5768943	5	4.8288072	5	2.3432446	3	1.7648178	-10	1.3747727	0	7.0000000	-1	1.7000000	0	8.0868983	-1
3.6000000	5	4.8681392	5	2.3527684	3	1.7576740	-10	1.3803603	0	7.0452181	-1	1.7045218	0	8.0982262	-1
3.6770189	5	5.0000000	5	2.3844196	3	1.7343423	-10	1.3989300	0	7.1959443	-1	1.7195944	0	8.1352319	-1
3.6814676	5	5.0076520	5	2.3862435	3	1.7330167	-10	1.4000000	0	7.2046505	-1	1.7204651	0	8.1373347	-1
3.7150594	5	5.0655559	5	2.4000000	3	1.7230833	-10	1.4080709	0	7.2703899	-1	1.7270390	0	8.1530927	-1
3.7948923	5	5.2040540	5	2.4325881	3	1.7000000	-10	1.4271902	0	7.4266232	-1	1.7426623	0	8.1897119	-1
3.8000000	5	5.2129576	5	2.4346682	3	1.6985476	-10	1.4284106	0	7.4366191	-1	1.7436619	0	8.1920159	-1
3.8323867	5	5.2695317	5	2.4478438	3	1.6894051	-10	1.4361407	0	7.5000000	-1	1.7500000	0	8.2065181	-1
3.9611444	5	5.4964799	5	2.5000000	3	1.6541599	-10	1.4667405	0	7.7519795	-1	1.7751979	0	8.2624055	-1
3.9631271	5	5.5000000	5	2.5008004	3	1.6536305	-10	1.4672101	0	7.7558596	-1	1.7755860	0	8.2632446	-1
4.0000000	5	5.5656040	5	2.5156710	3	1.6438556	-10	1.4759346	0	7.8280201	-1	1.7828020	0	8.2787354	-1
4.0878791	5	5.7230308	5	2.5510016	3	1.6210887	-10	1.4966630	0	8.0000000	-1	1.8000000	0	8.3147942	-1
4.1020622	5	5.7485801	5	2.5566894	3	1.6174823	-10	1.5000000	0	8.0277564	-1	1.8027756	0	8.3205029	-1
4.1718615	5	5.8748891	5	2.5846249	3	1.6000000	-10	1.5163896	0	8.1643538	-1	1.8164354	0	8.3481617	-1
4.2000000	5	5.9260784	5	2.5958607	3	1.5930746	-10	1.5229816	0	8.2194211	-1	1.8219421	0	8.3591110	-1

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β
4.2103756	5	2.6000000	3	1.5905384	-10	1.8239726	0
4.2404849	5	2.6120008	3	1.5254101	0	1.8298650	0
4.3433716	5	2.6528861	3	1.5324510	0	1.8500000	0
4.4000000	5	2.6753105	3	1.5583305	-10	1.8610822	0
4.4625072	5	2.7000000	3	1.5457644	-10	1.8733149	0
4.5098492	5	2.7186567	3	1.5695945	0	1.8825798	0
4.5313948	5	2.7271354	3	1.5840798	0	1.8983160	0
4.5902590	5	2.7502625	3	1.5950256	0	1.9000000	0
4.5988640	5	2.7536388	3	1.6000000	0	1.9002223	0
4.6000000	5	2.7540844	3	1.6135686	-10	1.9016437	0
4.6072633	5	2.7569332	3	1.6155494	0	1.9231811	0
4.7173160	5	2.8000000	3	1.6158109	-10	1.9385807	0
4.7718736	5	2.8212833	3	1.6174823	0	1.938581	0
4.8000000	5	2.8322388	3	1.6427494	-10	1.9393624	0
4.8543565	5	2.8533379	3	1.6552362	-10	1.9500000	0
4.9683485	5	2.8975814	3	1.6616638	0	1.9723083	0
4.9745990	5	2.9000000	3	1.6740669	0	1.9735315	0
5.0000000	5	2.9082237	3	1.7000000	0	1.9785025	0
5.0271274	5	2.9203057	3	1.7014190	-10	1.9838114	0
5.1098489	5	2.9522107	3	1.7071825	-10	2.0000000	0
5.1141236	5	2.9538570	3	1.7133323	0	2.0008366	0
5.2341716	5	3.0000000	3	1.7320508	0	2.0243300	0
5.2761098	5	3.0160788	3	1.7330167	0	2.0325373	0
5.4119740	5	3.0680273	3	1.7600886	-10	2.0591260	0
5.5000000	5	3.1015737	3	1.7695220	-10	2.0763528	0
5.5192615	5	3.1089028	3	1.7742791	-10	2.0801222	0
5.6208338	5	3.1474867	3	1.8239815	0	2.1000000	0
5.7094904	5	3.1810768	3	1.8466185	-10	2.1173501	0
5.7569738	5	3.1990346	3	1.8663257	0	2.1266427	0
5.7595281	5	3.2000000	3	1.8768615	-10	2.1271425	0
5.8614620	5	3.2384733	3	1.8774279	-10	2.1470911	0
5.9895964	5	3.2866956	3	1.9000000	0	2.1721670	0
6.0000000	5	3.2906043	3	1.9282919	-10	2.1742030	0
6.1318187	5	3.3400451	3	1.9305851	-10	2.2000000	0
6.2174427	5	3.3720786	3	1.9595917	-10	2.2167566	0
6.2922106	5	3.4000000	3	1.9783857	-10	2.2313888	0
6.3161206	5	3.4089192	3	1.9947671	0	2.2360680	0
6.4161048	5	3.4461665	3	2.0000000	0	2.2556349	0
6.5000000	5	3.4773591	3	2.0218528	-10	2.2720533	0
6.6129485	5	3.5192687	3	2.0401534	-10	2.2941573	0
				2.0647416	-10		
				1.9947671	0		
				2.0000000	0		
				2.0218528	-10		
				2.0401534	-10		
				2.0647416	-10		
				1.9947671	0		
				2.0000000	0		
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				1.9947671	0		
				2.0000000	0		
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				2.0000000	0		
				2.0218528	-10		
				2.0401534	-10		
				2.0647416	-10		
				1.9947671	0		
				2.0000000	0		
				2.0218528	-10		
				2.0401534	-10		
				2.0647416	-10		
				1.9947671	0		
				2.0000000	0		
				2			

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β						
6.6428036	5	3.5303305	3	1.1713917	-10	2.0712315	0	1.3000000	0	2.3000000	0	9.0053544	-1
6.6599103	5	3.5366658	3	1.1692933	-10	2.0749484	0	1.3033478	0	2.3033478	0	9.0084027	-1
6.7753565	5	3.5793652	3	1.1553445	-10	2.1000000	0	1.3259407	0	2.3259407	0	9.0286052	-1
6.8312386	5	3.6000000	3	1.1487222	-10	2.1121064	0	1.3368768	0	2.3368768	0	9.0381587	-1
7.0000000	5	3.6621864	3	1.1292161	-10	2.1485909	0	1.3699035	0	2.3699035	0	9.0661533	-1
7.0863361	5	3.6939270	3	1.1195131	-10	2.1672130	0	1.3867995	0	2.3867995	0	9.0799957	-1
7.1537885	5	3.7186919	3	1.1120577	-10	2.1817424	0	1.4000000	0	2.4000000	0	9.0905934	-1
7.2386590	5	3.7498112	3	1.1028288	-10	2.2000000	0	1.4166092	0	2.4166092	0	9.1036648	-1
7.2649832	5	3.7594544	3	1.1000000	-10	2.2056576	0	1.4217609	0	2.4217609	0	9.1076608	-1
7.3757903	5	3.8000000	3	1.0882631	-10	2.2294456	0	1.4434459	0	2.4434459	0	9.1241866	-1
7.4983479	5	3.8447611	3	1.0755934	-10	2.2557068	0	1.4674305	0	2.4674305	0	9.1419264	-1
7.5000000	5	3.8453639	3	1.0754248	-10	2.2560604	0	1.4677538	0	2.4677538	0	9.1421618	-1
7.6647734	5	3.9054076	3	1.0588907	-10	2.2912878	0	1.5000000	0	2.5000000	0	9.1651514	-1
7.7055870	5	3.9202571	3	1.0548797	-10	2.3000000	0	1.5079872	0	2.5079872	0	9.1707006	-1
7.8973155	5	3.9898972	3	1.0364678	-10	2.3408575	0	1.5455086	0	2.5455086	0	9.1960308	-1
7.9251735	5	4.0000000	3	1.0338500	-10	2.3467848	0	1.5509604	0	2.5509604	0	9.1996129	-1
8.0000000	5	4.0271169	3	1.0268885	-10	2.3626942	0	1.5656040	0	2.5656040	0	9.2091149	-1
8.1757583	5	4.0907031	3	1.0109264	-10	2.4000000	0	1.6000000	0	2.6000000	0	9.2307692	-1
8.2844045	5	4.1299359	3	1.0013230	-10	2.4230178	0	1.6212621	0	2.6212621	0	9.2437065	-1
8.2995474	5	4.1353998	3	1.0000000	-10	2.4262234	0	1.6242256	0	2.6242256	0	9.2454833	-1
8.4788021	5	4.2000000	3	9.8461901	-11	2.4641241	0	1.6593058	0	2.6593058	0	9.2660425	-1
8.5000000	5	4.2076299	3	9.8283354	-11	2.4686005	0	1.6634543	0	2.6634543	0	9.2684172	-1
8.6488404	5	4.2611491	3	9.7048936	-11	2.5000000	0	1.6925824	0	2.6925824	0	9.2847669	-1
8.6606166	5	4.2653795	3	9.6952682	-11	2.5024820	0	1.6948870	0	2.6948870	0	9.2860367	-1
8.6867432	5	4.2747630	3	9.6739862	-11	2.5079872	0	1.7000000	0	2.7000000	0	9.2888416	-1
8.9050277	5	4.3530524	3	9.5000000	-11	2.5539194	0	1.7427184	0	2.7427184	0	9.3116354	-1
9.0000000	5	4.3870561	3	9.4263664	-11	2.5738692	0	1.7613045	0	2.7613045	0	9.3212073	-1
9.0268204	5	4.3966525	3	9.4057918	-11	2.5794994	0	1.7665533	0	2.7665533	0	9.3238739	-1
9.0361778	5	4.4000000	3	9.3986360	-11	2.5814633	0	1.7683845	0	2.7683845	0	9.3248004	-1
9.1245431	5	4.4315950	3	9.3316285	-11	2.6000000	0	1.7856777	0	2.7856777	0	9.3334561	-1
9.1977281	5	4.4577404	3	9.2768970	-11	2.6153394	0	1.8000000	0	2.8000000	0	9.3404977	-1
9.3837744	5	4.5241181	3	9.1407865	-11	2.6542830	0	1.8364094	0	2.8364094	0	9.3578981	-1
9.5000000	5	4.5655236	3	9.0578874	-11	2.6785754	0	1.8591548	0	2.8591548	0	9.3684168	-1
9.5825068	5	4.5948887	3	9.0000000	-11	2.6958038	0	1.8753014	0	2.8753014	0	9.3757260	-1
9.5968745	5	4.6000000	3	8.9899996	-11	2.6988026	0	1.8781131	0	2.8781131	0	9.3769856	-1
9.6026121	5	4.6020410	3	8.9860126	-11	2.7000000	0	1.8792360	0	2.8792360	0	9.3774876	-1
9.7087130	5	4.6397633	3	8.9129544	-11	2.7221315	0	1.9000000	0	2.9000000	0	9.3866604	-1
9.7321461	5	4.6480895	3	8.8969883	-11	2.7270165	0	1.9045859	0	2.9045859	0	9.3886586	-1
1.0000000	6	4.7431405	3	8.7186956	-11	2.7827825	0	1.9570050	0	2.9570050	0	9.4108144	-1
1.0072526	6	4.7688392	3	8.6717115	-11	2.7978599	0	1.9711984	0	2.9711984	0	9.4166040	-1

V	V*	H ρ	λ	p*	E*	W*	β						
1.0082824	6	4.7724869	3	8.6650836	-11	2.8000000	0	1.9732137	0	2.9732137	0	9.4174191	-1
1.0160526	6	4.8000000	3	8.6154163	-11	2.8161418	0	1.9884201	0	2.9884201	0	9.4235138	-1
1.0219698	6	4.8203938	3	8.5779951	-11	2.8284271	0	2.0000000	0	3.0000000	0	9.4280904	-1
1.0344794	6	4.8651763	3	8.5000000	-11	2.8543805	0	2.0244814	0	3.0244814	0	9.4375864	-1
1.0405441	6	4.8866061	3	8.4627239	-11	2.8669533	0	2.0363500	0	3.0363500	0	9.4421042	-1
1.0564982	6	4.9429329	3	8.3662876	-11	2.9000000	0	2.0675723	0	3.0675723	0	9.4537298	-1
1.0726818	6	5.0000000	3	8.2707997	-11	2.9334810	0	2.0992436	0	3.0992436	0	9.4651515	-1
1.0730683	6	5.0013620	3	8.2685472	-11	2.9342801	0	2.1000000	0	3.1000000	0	9.4654198	-1
1.0731360	6	5.0016008	3	8.2681525	-11	2.9344202	0	2.1001326	0	3.1001326	0	9.4654669	-1
1.1000000	6	5.0961781	3	8.1147082	-11	2.9899084	0	2.1527055	0	3.1527055	0	9.4836272	-1
1.1048912	6	5.1133789	3	8.0874113	-11	3.0000000	0	2.1622777	0	3.1622777	0	9.4868330	-1
1.1050708	6	5.1140104	3	8.0864127	-11	3.0003705	0	2.1626291	0	3.1626291	0	9.4869501	-1
1.1207900	6	5.1692498	3	8.0000000	-11	3.0327793	0	2.1933916	0	3.1933916	0	9.4970477	-1
1.1241668	6	5.1811087	3	7.9816890	-11	3.0397368	0	2.2000000	0	3.2000000	0	9.4991776	-1
1.1254765	6	5.1857075	3	7.9746107	-11	3.0424349	0	2.2025631	0	3.2025631	0	9.5000000	-1
1.1363867	6	5.2240017	3	7.9161534	-11	3.0649020	0	2.2239144	0	3.2239144	0	9.5067722	-1
1.1671182	6	5.3317244	3	7.7562146	-11	3.1281025	0	2.2840562	0	3.2840562	0	9.5251186	-1
1.1752263	6	5.3602478	3	7.7149416	-11	3.1448370	0	2.3000000	0	3.3000000	0	9.5298092	-1
1.1972970	6	5.4373133	3	7.6055941	-11	3.1900511	0	2.3431162	0	3.3431162	0	9.5421484	-1
1.2000000	6	5.4467614	3	7.5924012	-11	3.1955943	0	2.3484060	0	3.3484060	0	9.5436284	-1
1.2021486	6	5.4542708	3	7.5819481	-11	3.2000000	0	2.3526109	0	3.3526109	0	9.5447998	-1
1.2152387	6	5.5000000	3	7.5189088	-11	3.2268291	0	2.3782283	0	3.3782283	0	9.5518386	-1
1.2192099	6	5.5138664	3	7.5000000	-11	3.2349645	0	2.3859999	0	3.3859999	0	9.5539415	-1
1.2263637	6	5.5388382	3	7.4661864	-11	3.2496154	0	2.4000000	0	3.4000000	0	9.5576922	-1
1.2269518	6	5.5408905	3	7.4634210	-11	3.2508194	0	2.4011508	0	3.4011508	0	9.5579984	-1
1.2561090	6	5.6425667	3	7.3289339	-11	3.3104725	0	2.4582117	0	3.4582117	0	9.5727873	-1
1.2774622	6	5.7169314	3	7.2336006	-11	3.3541020	0	2.5000000	0	3.5000000	0	9.5831485	-1
1.2847929	6	5.7424429	3	7.2014645	-11	3.3690695	0	2.5143462	0	3.5143462	0	9.5866181	-1
1.2999502	6	5.7951627	3	7.1359512	-11	3.4000000	0	2.5440090	0	3.5440090	0	9.5936550	-1
1.3000000	6	5.7953359	3	7.1357379	-11	3.4001016	0	2.5441065	0	3.5441065	0	9.5936778	-1
1.3130258	6	5.8406114	3	7.0804228	-11	3.4266646	0	2.5695980	0	3.5695980	0	9.5995811	-1
1.3285607	6	5.8945724	3	7.0156061	-11	3.4583233	0	2.6000000	0	3.6000000	0	9.6064536	-1
1.3323458	6	5.9077140	3	7.0000000	-11	3.4660334	0	2.6074073	0	3.6074073	0	9.6081011	-1
1.3589439	6	6.0000000	3	6.8923330	-11	3.5201773	0	2.6594601	0	3.6594601	0	9.6193897	-1
1.3682194	6	6.0321575	3	6.8555899	-11	3.5390440	0	2.6776123	0	3.6776123	0	9.6232111	-1
1.3796592	6	6.0718010	3	6.8108290	-11	3.5623026	0	2.7000000	0	3.7000000	0	9.6278449	-1
1.3982122	6	6.1360546	3	6.7395094	-11	3.6000000	0	2.7363083	0	3.7363083	0	9.6351791	-1
1.4000000	6	6.1422436	3	6.7327187	-11	3.6036310	0	2.7398070	0	3.7398070	0	9.6358743	-1
1.4218376	6	6.2178057	3	6.6508991	-11	3.6479630	0	2.7825433	0	3.7825433	0	9.6442068	-1
1.4307577	6	6.2488522	3	6.6180669	-11	3.6660606	0	2.8000000	0	3.8000000	0	9.6475278	-1

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β
1.4636056	6	6.3621536	3	6.5000000	-11	3.7326514	0
1.4740080	6	6.3980692	3	6.4635122	-11	3.7537230	0
1.4818562	6	6.4251572	3	6.4362625	-11	3.7696154	0
1.4968672	6	6.4769466	3	6.3847984	-11	3.8000000	0
1.5000000	6	6.4877518	3	6.3741647	-11	3.8063394	0
1.5035516	6	6.5000000	3	6.3621536	-11	3.8135254	0
1.5248419	6	6.5733913	3	6.2911208	-11	3.8565837	0
1.5329547	6	6.6013437	3	6.2644819	-11	3.8729833	0
1.5744371	6	6.7441531	3	6.1318260	-11	3.9567714	0
1.5938598	6	6.8178385	3	6.0655585	-11	4.0000000	0
1.6000000	6	6.8320729	3	6.0529211	-11	4.0083512	0
1.6175328	6	6.8923330	3	6.0000000	-11	4.0437057	0
1.6228798	6	6.9107046	3	5.9840495	-11	4.0544842	0
1.6331517	6	6.9528583	3	5.9477695	-11	4.0792156	0
1.6488806	6	7.0000000	3	5.9077140	-11	4.1068735	0
1.6702470	6	7.0733317	3	5.8464667	-11	4.1498969	0
1.6951447	6	7.1587304	3	5.7767224	-11	4.2000000	0
1.7000000	6	7.1753777	3	5.7633201	-11	4.2097669	0
1.7156072	6	7.2323028	3	5.7179573	-11	4.2431646	0
1.7373486	6	7.3033658	3	5.6623205	-11	4.2848571	0
1.7620220	6	7.3878540	3	5.5975657	-11	4.3344259	0
1.7946840	6	7.4996223	3	5.5141441	-11	4.4000000	0
1.7947944	6	7.5000000	3	5.5138664	-11	4.4002216	0
1.8000000	6	7.5178056	3	5.5008071	-11	4.4106680	0
1.8003226	6	7.5189088	3	5.5000000	-11	4.4113153	0
1.8065471	6	7.5401969	3	5.4844719	-11	4.4238049	0
1.8395456	6	7.6530047	3	5.4036290	-11	4.4899889	0
1.8944463	6	7.8405143	3	5.2743987	-11	4.6000000	0
1.9000000	6	7.8594710	3	5.2616770	-11	4.6111219	0
1.9142861	6	7.9082252	3	5.2292388	-11	4.6397258	0
1.9411888	6	8.0000000	3	5.1692498	-11	4.6395697	0
1.9417426	6	8.0018888	3	5.1680296	-11	4.6946778	0
1.9944048	6	8.1804062	3	5.0546321	-11	4.8000000	0
2.0000000	6	8.2004694	3	5.0428818	-11	4.8111843	0
2.0174384	6	8.2598719	3	5.0066150	-11	4.8460355	0
2.0206469	6	8.2707997	3	5.0000000	-11	4.8524468	0
2.0439396	6	8.3501127	3	4.9525078	-11	4.8989795	0
2.0879824	6	8.5000000	3	4.8651763	-11	4.9869178	0
2.0945371	6	8.5222981	3	4.8524468	-11	5.0000000	0
2.1000000	6	8.5408806	3	4.8418893	-11	5.0109023	0
9.6593624	-1	3.8642834	0	2.8642834	0	2.8642834	0
9.66629854	-1	3.8846411	0	2.8846411	0	2.8846411	0
9.6656804	-1	3.9000000	0	2.9000000	0	2.9000000	0
9.6707454	-1	3.9293765	0	2.9293765	0	2.9293765	0
9.6717878	-1	3.9355075	0	2.9355075	0	2.9355075	0
9.6729636	-1	3.9424581	0	2.9424581	0	2.9424581	0
9.6799806	-1	3.9841233	0	2.9841233	0	3.9841233	0
9.6824584	-1	4.0000000	0	3.0000000	0	4.0000000	0
9.6951623	-1	4.0811812	0	3.0811812	0	4.0811812	0
9.7014250	-1	4.1231056	0	3.1231056	0	4.1231056	0
9.7026130	-1	4.1312080	0	3.1312080	0	4.1312080	0
9.7075655	-1	4.1655198	0	3.1655198	0	4.1655198	0
9.7090512	-1	4.1759840	0	3.1759840	0	4.1759840	0
9.7092181	-1	4.2000000	0	3.2000000	0	4.2000000	0
9.7124181	-1	4.2228676	0	3.2228676	0	4.2228676	0
9.7161157	-1	4.2686818	0	3.2686818	0	4.2686818	0
9.7217293	-1	4.3174066	0	3.3174066	0	4.3174066	0
9.7280621	-1	4.3269085	0	3.3269085	0	4.3269085	0
9.7292718	-1	4.3594089	0	3.3594089	0	4.3594089	0
9.7333485	-1	4.4000000	0	3.4000000	0	4.4000000	0
9.7383115	-1	4.4482860	0	3.4482860	0	4.4482860	0
9.7440361	-1	4.5122057	0	3.5122057	0	4.5122057	0
9.7513286	-1	4.5124217	0	3.5124217	0	4.5124217	0
9.7513527	-1	4.5226090	0	3.5226090	0	4.5226090	0
9.7524858	-1	4.5232403	0	3.5232403	0	4.5232403	0
9.7525557	-1	4.5354217	0	3.5354217	0	4.5354217	0
9.7538999	-1	4.6000000	0	3.6000000	0	4.6000000	0
9.7608454	-1	4.7074409	0	3.7074409	0	4.7074409	0
9.7717636	-1	4.7183095	0	3.7183095	0	4.7183095	0
9.7728261	-1	4.7462675	0	3.7462675	0	4.7462675	0
9.7755252	-1	4.7989162	0	3.7989162	0	4.7989162	0
9.7804786	-1	4.8000000	0	3.8000000	0	4.8000000	0
9.7805788	-1	4.9030603	0	3.9030603	0	4.9030603	0
9.7898042	-1	4.9140100	0	3.9140100	0	4.9140100	0
9.7907499	-1	4.9481370	0	3.9481370	0	4.9481370	0
9.7936566	-1	4.9544162	0	3.9544162	0	4.9544162	0
9.7941848	-1	5.0000000	0	4.0000000	0	5.0000000	0
9.7979590	-1	5.0861920	0	4.0861920	0	5.0861920	0
9.8048162	-1	5.0990195	0	4.0990195	0	5.0990195	0
9.8058068	-1	5.1097105	0	4.1097105	0	5.1097105	0
9.8066265	-1						

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β								
2.1165442	6	8.5971472	3	4.8102001	-11	5.0439137	0	4.1420876	0	5.1420876	0	9.8090776	-1	9.8090776	-1
2.1219168	6	8.6154163	3	4.8000000	-11	5.0546321	0	4.1526018	0	5.1526018	0	9.8098636	-1	9.8098636	-1
2.1461366	6	8.6977558	3	4.7545596	-11	5.1029403	0	4.2000000	0	5.2000000	0	9.8133468	-1	9.8133468	-1
2.2000000	6	8.8807722	3	4.6565769	-11	5.2103154	0	4.3054110	0	5.3054110	0	9.8207572	-1	9.8207572	-1
2.2120454	6	8.9216813	3	4.6352248	-11	5.2343166	0	4.3289840	0	5.3289840	0	9.8223538	-1	9.8223538	-1
2.2321656	6	8.9899996	3	4.6000000	-11	5.2743987	0	4.3683593	0	5.3683593	0	9.8249733	-1	9.8249733	-1
2.2351112	6	9.0000000	3	4.5948887	-11	5.2802659	0	4.3741239	0	5.3741239	0	9.8253519	-1	9.8253519	-1
2.2483335	6	9.1946673	3	4.5720868	-11	5.3065997	0	4.4000000	0	5.4000000	0	9.8270364	-1	9.8270364	-1
2.2994320	6	9.2182749	3	4.4860887	-11	5.4083269	0	4.5000000	0	5.5000000	0	9.8333217	-1	9.8333217	-1
2.3000000	6	9.2202015	3	4.4851512	-11	5.4094573	0	4.5011115	0	5.5011115	0	9.8333896	-1	9.8333896	-1
2.3043089	6	9.2348175	3	4.4780526	-11	5.4180324	0	4.5095440	0	5.5095440	0	9.8339035	-1	9.8339035	-1
2.3455075	6	9.3745279	3	4.4113153	-11	5.5000000	0	4.5901699	0	5.5901699	0	9.8386991	-1	9.8386991	-1
2.3505305	6	9.3915571	3	4.4033165	-11	5.5099909	0	4.6000000	0	5.6000000	0	9.8392695	-1	9.8392695	-1
2.3526186	6	9.3986360	3	4.4000000	-11	5.5141441	0	4.6040865	0	5.6040865	0	9.8395057	-1	9.8395057	-1
2.3825242	6	9.5000000	3	4.3530524	-11	5.5736140	0	4.6626118	0	5.6626118	0	9.8428325	-1	9.8428325	-1
2.3936431	6	9.5376785	3	4.3358558	-11	5.5957198	0	4.6843716	0	5.6843716	0	9.8440430	-1	9.8440430	-1
2.4000000	6	9.5592179	3	4.3260859	-11	5.6083569	0	4.6968120	0	5.6968120	0	9.8447287	-1	9.8447287	-1
2.4527275	6	9.7378211	3	4.2467404	-11	5.7131427	0	4.8000000	0	5.8000000	0	9.8502461	-1	9.8502461	-1
2.4803106	6	9.8312140	3	4.2063980	-11	5.7679360	0	4.8539803	0	5.8539803	0	9.8530157	-1	9.8530157	-1
2.4847344	6	9.8461901	3	4.2000000	-11	5.7767224	0	4.8626378	0	5.8626378	0	9.8534527	-1	9.8534527	-1
2.5000000	6	9.8978638	3	4.1780731	-11	5.8070392	0	4.8925125	0	5.8925125	0	9.8549458	-1	9.8549458	-1
2.5301800	6	1.0000000	4	4.1353998	-11	5.8669621	0	4.9515749	0	5.9515749	0	9.8578312	-1	9.8578312	-1
2.5549245	6	1.0083719	4	4.1010661	-11	5.9160798	0	5.0000000	0	6.0000000	0	9.8601330	-1	9.8601330	-1
2.5645368	6	1.0116236	4	4.0878840	-11	5.9351571	0	5.0188114	0	6.0188114	0	9.8610120	-1	9.8610120	-1
2.5972149	6	1.0226758	4	4.0437057	-11	6.0000000	0	5.0827625	0	6.0827625	0	9.8639392	-1	9.8639392	-1
2.6000000	6	1.0236176	4	4.0399851	-11	6.0055256	0	5.0882130	0	6.0882130	0	9.8641844	-1	9.8641844	-1
2.6302633	6	1.0338500	4	4.0000000	-11	6.0655585	0	5.1474385	0	6.1474385	0	9.8668063	-1	9.8668063	-1
2.6465171	6	1.0393444	4	3.9788541	-11	6.0977943	0	5.1792471	0	6.1792471	0	9.8681832	-1	9.8681832	-1
2.7000000	6	1.0574186	4	3.9108445	-11	6.2038351	0	5.2839135	0	6.2839135	0	9.8725659	-1	9.8725659	-1
2.7264220	6	1.0663449	4	3.8781073	-11	6.2562049	0	5.3356215	0	6.3356215	0	9.8746507	-1	9.8746507	-1
2.7913240	6	1.0882631	4	3.8000000	-11	6.3847984	0	5.4626350	0	6.4626350	0	9.8795591	-1	9.8795591	-1
2.8000000	6	1.0911923	4	3.7897993	-11	6.4019839	0	5.4796140	0	6.4796140	0	9.8801933	-1	9.8801933	-1
2.8104169	6	1.0947090	4	3.7776247	-11	6.4226163	0	5.5000000	0	6.5000000	0	9.8809481	-1	9.8809481	-1
2.8260910	6	1.1000000	4	3.7594544	-11	6.4536583	0	5.5306742	0	6.5306742	0	9.8820705	-1	9.8820705	-1
2.8494936	6	1.1078988	4	3.7326514	-11	6.5000000	0	5.5764732	0	6.5764732	0	9.8837170	-1	9.8837170	-1
2.8805890	6	1.1183919	4	3.6976302	-11	6.5615631	0	5.6373270	0	6.6373270	0	9.8858517	-1	9.8858517	-1
2.9000000	6	1.1249411	4	3.6761035	-11	6.5999867	0	5.6753145	0	6.6753145	0	9.8871546	-1	9.8871546	-1
2.9705059	6	1.1487222	4	3.6000000	-11	6.7395094	0	5.8132949	0	6.8132949	0	9.8917037	-1	9.8917037	-1
3.0000000	6	1.1586671	4	3.5691008	-11	6.7978561	0	5.8710150	0	6.8710150	0	9.8935253	-1	9.8935253	-1
3.0280465	6	1.1681223	4	3.5402114	-11	6.8533291	0	5.9259021	0	6.9259021	0	9.8952151	-1	9.8952151	-1

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β						
3.0659094	6	1.1808843	4	3.5019518	-11	6.9282032	0	6.0000000	0	7.0000000	0	9.8974332	-1
3.1022239	6	1.1931217	4	3.4660334	-11	7.0000000	0	6.0710678	0	7.0710678	0	9.8994949	-1
3.1226384	6	1.2000000	4	3.4461665	-11	7.0403545	0	6.1110190	0	7.1110190	0	9.9006267	-1
3.1696010	6	1.2158202	4	3.4013251	-11	7.1331711	0	6.2029251	0	7.2029251	0	9.9031588	-1
3.1710078	6	1.2162941	4	3.4000000	-11	7.1359512	0	6.2056783	0	7.2056783	0	9.9032331	-1
3.2000000	6	1.2260585	4	3.3729220	-11	7.1932390	0	6.2624160	0	7.2624160	0	9.9047465	-1
3.3059095	6	1.2617163	4	3.2775989	-11	7.4024415	0	6.4696814	0	7.4696814	0	9.9099829	-1
3.3214018	6	1.2669307	4	3.2641089	-11	7.4330344	0	6.5000000	0	7.5000000	0	9.9107125	-1
3.3553174	6	1.2783447	4	3.2349645	-11	7.5000000	0	6.5663730	0	7.5663730	0	9.9122790	-1
3.3968282	6	1.2923124	4	3.2000000	-11	7.5819481	0	6.6476099	0	7.6476099	0	9.9141408	-1
3.4000000	6	1.2933796	4	3.1973598	-11	7.5882090	0	6.6538171	0	7.6538171	0	9.9142806	-1
3.4196783	6	1.3000000	4	3.1810768	-11	7.6270507	0	6.6923275	0	7.6923275	0	9.9151404	-1
3.4375151	6	1.3060004	4	3.1664613	-11	7.6622549	0	6.7272343	0	7.7272343	0	9.9159086	-1
3.5648736	6	1.3488314	4	3.0659130	-11	7.9135429	0	6.9764754	0	7.9764754	0	9.9211023	-1
3.5768943	6	1.3528729	4	3.0567542	-11	7.9372539	0	7.0000000	0	8.0000000	0	9.9215674	-1
3.6000000	6	1.3606407	4	3.0393033	-11	7.9828274	0	7.0452181	0	8.0452181	0	9.9224500	-1
3.6087070	6	1.3635677	4	3.0327793	-11	8.0000000	0	7.0622578	0	8.0622578	0	9.9227788	-1
3.6530317	6	1.3784666	4	3.0000000	-11	8.0874113	0	7.1490013	0	8.1490013	0	9.9244202	-1
3.6883712	6	1.3903436	4	2.9743725	-11	8.1570933	0	7.2181610	0	8.2181610	0	9.9256917	-1
3.7171068	6	1.4000000	4	2.9538570	-11	8.2137469	0	7.2743966	0	8.2743966	0	9.9267020	-1
3.7944917	6	1.4259999	4	2.9000000	-11	8.3662876	0	7.4258393	0	8.4258393	0	9.9293225	-1
3.8000000	6	1.4278504	4	2.8962417	-11	8.3771440	0	7.4366191	0	8.4366191	0	9.9295036	-1
3.8083393	6	1.4306518	4	2.8905705	-11	8.3935797	0	7.4529392	0	8.4529392	0	9.9297766	-1
3.8323867	6	1.4387295	4	2.8743414	-11	8.4409715	0	7.5000000	0	8.5000000	0	9.9305547	-1
3.86223413	6	1.4487907	4	2.8543805	-11	8.5000000	0	7.5586214	0	8.5586214	0	9.9315060	-1
3.9250642	6	1.4698550	4	2.8134747	-11	8.6235834	0	7.6813703	0	8.6813703	0	9.9334337	-1
3.9461297	6	1.4769285	4	2.8000000	-11	8.6650836	0	7.7225956	0	8.7225956	0	9.9340655	-1
4.0000000	6	1.4950155	4	2.7661250	-11	8.7711994	0	7.8280201	0	8.8280201	0	9.9356360	-1
4.0148473	6	1.5000000	4	2.7569332	-11	8.8004431	0	7.8570762	0	8.8570762	0	9.9360589	-1
4.0387955	6	1.5080394	4	2.7422360	-11	8.8476099	0	7.9039430	0	8.9039430	0	9.9367324	-1
4.0878791	6	1.5245150	4	2.7126002	-11	8.9442719	0	8.0000000	0	9.0000000	0	9.9380799	-1
4.1090766	6	1.5316296	4	2.7000000	-11	8.9860126	0	8.0414834	0	9.0414834	0	9.9386485	-1
4.1161801	6	1.53340137	4	2.6958038	-11	9.0000000	0	8.0553851	0	9.0553851	0	9.9388373	-1
4.1497523	6	1.5452805	4	2.6761483	-11	9.0661023	0	8.1210860	0	9.1210860	0	9.9397180	-1
4.2000000	6	1.5621419	4	2.6472626	-11	9.1650273	0	8.2194211	0	9.2194211	0	9.9410008	-1
4.2581283	6	1.5816450	4	2.6146194	-11	9.2794515	0	8.3331785	0	9.3331785	0	9.9424344	-1
4.2846373	6	1.5905384	4	2.6000000	-11	9.3316285	0	8.3850567	0	9.3850567	0	9.9430709	-1
4.3128420	6	1.6000000	4	2.5846249	-11	9.3871393	0	8.4402534	0	9.4402534	0	9.9437366	-1
4.3433716	6	1.6102408	4	2.5681872	-11	9.4472218	0	8.5000000	0	9.5000000	0	9.9444440	-1
4.36440957	6	1.6171921	4	2.5571482	-11	9.4880046	0	8.5405571	0	9.5405571	0	9.9449167	-1

V	V*	H ρ	λ	p*	E*	W*	β
4.3701915	2.3058193	1.6192366	2.5539194	9.5000000	8.5524866	9.5524866	9.9450545
4.4000000	2.3343809	1.6292343	2.5382475	9.5586558	8.6108221	9.6108221	9.9457213
4.4678082	2.4000000	1.6519174	2.5033075	9.6920710	8.7435230	9.7435230	9.9471936
4.4743258	2.4063546	1.6541599	2.5000000	9.7048936	8.7562780	9.7562780	9.9473320
4.5694039	2.5000000	1.6860393	2.4527304	9.8919286	8.9423463	9.9423463	9.9492899
4.5988640	2.5293752	1.6959159	2.4384463	9.9498744	9.0000000	1.0000000	9.9498744
4.6000000	2.5305113	1.6962967	2.4378988	9.9521086	9.0022231	1.0002223	9.9498967
4.6110466	2.5415723	1.7000000	2.4325881	9.9738356	9.0238414	1.0023841	9.9501131
4.6243497	2.5549245	1.7044596	2.4262234	1.0000000	9.0498756	1.0049876	9.9503719
4.6690074	2.6000000	1.7194294	2.4051000	1.0087827	9.1372709	1.0137271	9.9512260
4.6799080	2.6110618	1.7230833	2.4000000	1.0109264	9.1586034	1.0158603	9.9514311
4.7667315	2.7000000	1.7521834	2.3601409	1.0279994	9.3285174	1.0328517	9.9530197
4.8000000	2.7344698	1.7633326	2.3452182	1.0345406	9.3936241	1.0393624	9.9536078
4.8543565	2.7912550	1.7815476	2.3212401	1.0452272	9.5000000	1.0500000	9.9545452
4.8626786	2.8000000	1.7843363	2.3176124	1.0468633	9.5162865	1.0516286	9.9546862
4.9034571	2.8430465	1.7979999	2.3000000	1.0548797	9.5960902	1.0596090	9.9553677
4.9094265	2.8493752	1.8000000	2.2974443	1.0560532	9.6077722	1.0607772	9.9554662
4.9569424	2.9000000	1.8159199	2.2773030	1.0653933	9.7007612	1.0700761	9.9562385
5.0000000	2.9462563	1.8303449	2.2593554	1.0738564	9.7850251	1.0785025	9.9569211
5.0496085	3.0000000	1.8469635	2.2390263	1.0836065	9.8821092	1.0882109	9.9576880
5.1098489	3.0659094	1.8671420	2.2148288	1.0954451	1.0000000	1.1000000	9.9585920
5.1330277	3.0914586	1.8749056	2.2056576	1.1000000	1.0045361	1.1045361	9.9589321
5.1474234	3.1073794	1.8797272	2.2000000	1.1028288	1.0073533	1.1073533	9.9591412
5.2079541	3.1747668	1.9000000	2.1765262	1.1147228	1.0191992	1.1191992	9.9600033
5.2304556	3.2000000	1.9075357	2.1679279	1.1191440	1.0236028	1.1236028	9.9603168
5.4057776	3.4000000	1.9662428	2.1031990	1.1535872	1.0579134	1.1579134	9.9626380
5.4147236	3.4103665	1.9692380	2.1000000	1.1553445	1.0596641	1.1596641	9.9627509
5.5000000	3.5099701	1.9977880	2.0699894	1.1720928	1.0763528	1.1763528	9.9638022
5.5066075	3.5177472	2.0000000	2.0676999	1.1733924	1.0776459	1.1776459	9.9638818
5.5760520	3.6000000	2.0232471	2.0439420	1.1870314	1.0912362	1.1912362	9.9647027
5.6208338	3.6535420	2.0382373	2.0289099	1.1958261	1.1000000	1.2000000	9.9652173
5.6420880	3.6790912	2.0453515	2.0218528	1.2000000	1.1041595	1.2041595	9.9654576
5.7088579	3.7599290	2.0676999	2.0000000	1.2131117	1.1172264	1.2172264	9.9661965
5.7416911	3.8000000	2.0786888	1.9894271	1.2195589	1.1236518	1.2236518	9.9665511
5.8053689	3.8783162	2.1000000	1.9692380	1.2320620	1.1361136	1.2361136	9.9672233
5.9030542	4.0000000	2.1326897	1.9390536	1.2512410	1.1552307	1.2552307	9.9682156
6.0000000	4.1226090	2.1651289	1.9100017	1.2702729	1.1742030	1.2742030	9.9691565
6.0340635	4.1661264	2.1765262	1.9000000	1.2769597	1.1808693	1.2808693	9.9694772
6.0604561	4.2000000	2.1853567	1.8923226	1.2821405	1.1860343	1.2860343	9.9697223
6.1042237	4.2564741	2.2000000	1.8797272	1.2797317	1.1945996	1.2945996	9.9701222

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β							
6.1318187	4.2922731	7	2.2092322	4	1.8718720	-11	1.2961481	1	1.2000000	1	1.3000000	9.9703703	-1	9.9703703
6.1514430	4.3178224	7	2.2157975	4	1.8663257	-11	1.3000000	1	1.2038405	1	1.3038405	9.9705449	-1	9.9705449
6.2141750	4.4000000	7	2.2367839	4	1.8488151	-11	1.3123126	1	1.2161172	1	1.3161172	9.9710926	-1	9.9710926
6.3644581	4.6000000	7	2.2870550	4	1.8081768	-11	1.3418065	1	1.2455276	1	1.3455276	9.9723442	-1	9.9723442
6.3955190	4.6418877	7	2.2974443	4	1.8000000	-11	1.3479019	1	1.2516063	1	1.3516063	9.9725928	-1	9.9725928
6.4031596	4.6522206	7	2.3000000	4	1.7979999	-11	1.3494013	1	1.2531016	1	1.3531016	9.9726534	-1	9.9726534
6.5000000	4.7841731	7	2.3323898	4	1.7730312	-11	1.3684042	1	1.2720533	1	1.3720533	9.9734046	-1	9.9734046
6.5115257	4.8000000	7	2.3362446	4	1.7701057	-11	1.3706658	1	1.2743089	1	1.3743088	9.9734920	-1	9.9734920
6.6428036	4.9821027	7	2.3801483	4	1.7374547	-11	1.3964240	1	1.3000000	1	1.4000000	9.9744572	-1	9.9744572
6.6555760	5.0000000	7	2.3844196	4	1.7343423	-11	1.3989300	1	1.3024996	1	1.4024996	9.9745483	-1	9.9745483
6.6610299	5.0076520	7	2.3862435	4	1.7330167	-11	1.4000000	1	1.3035669	1	1.4035669	9.9745870	-1	9.9745870
6.7021667	5.0655559	7	2.4000000	4	1.7230833	-11	1.4080709	1	1.3116174	1	1.4116174	9.9748764	-1	9.9748764
6.7996215	5.2040540	7	2.4325881	4	1.7000000	-11	1.4271902	1	1.3306893	1	1.4306893	9.9755426	-1	9.9755426
7.0000000	5.4946623	7	2.4995866	4	1.6544335	-11	1.4664980	1	1.3699035	1	1.4699035	9.9768316	-1	9.9768316
7.0012365	5.4964799	7	2.5000000	4	1.6541599	-11	1.4667405	1	1.3701455	1	1.4701455	9.9768392	-1	9.9768392
7.0036305	5.5000000	7	2.5008004	4	1.6536305	-11	1.4672101	1	1.3706140	1	1.4706140	9.9768540	-1	9.9768540
7.1537885	5.7230308	7	2.5510016	4	1.6210887	-11	1.4966630	1	1.4000000	1	1.5000000	9.9777530	-1	9.9777530
7.1708025	5.7485801	7	2.5566894	4	1.6174823	-11	1.5000000	1	1.4033296	1	1.5033296	9.9778516	-1	9.9778516
7.2543675	5.8748891	7	2.5846249	4	1.6000000	-11	1.5163896	1	1.4196834	1	1.5196834	9.9783262	-1	9.9783262
7.3003616	5.9449927	7	2.6000000	4	1.5905384	-11	1.5254101	1	1.4286844	1	1.5286844	9.9785810	-1	9.9785810
7.3362626	6.0000000	7	2.6120008	4	1.5832307	-11	1.5324510	1	1.4357103	1	1.5357103	9.9787767	-1	9.9787767
7.5000000	6.2540766	7	2.6667315	4	1.5507373	-11	1.5645612	1	1.4677538	1	1.5677538	9.9796363	-1	9.9796363
7.5995361	6.4110942	7	2.7000000	4	1.5316296	-11	1.5840798	1	1.4872330	1	1.5872330	9.9801335	-1	9.9801335
7.6553571	6.5000000	7	2.7186567	4	1.5211188	-11	1.5950256	1	1.4981572	1	1.5981572	9.9804045	-1	9.9804045
7.6647734	6.5150574	7	2.7218037	4	1.5193600	-11	1.5968719	1	1.5000000	1	1.6000000	9.9804496	-1	9.9804496
7.6807261	6.5406066	7	2.7271354	4	1.5163896	-11	1.6000000	1	1.5031220	1	1.6031220	9.9805258	-1	9.9805258
7.7698858	6.6843183	7	2.7569332	4	1.5000000	-11	1.6174823	1	1.5205705	1	1.6205705	9.9809433	-1	9.9809433
7.8987547	6.8947844	7	2.8000000	4	1.4769285	-11	1.6427494	1	1.5457902	1	1.6457902	9.9815234	-1	9.9815234
7.9624436	7.0000000	7	2.8212833	4	1.4657868	-11	1.6552362	1	1.5582542	1	1.6582542	9.9818003	-1	9.9818003
8.0000000	7.0624161	7	2.8338335	4	1.4592953	-11	1.6625994	1	1.5656040	1	1.6656040	9.9819608	-1	9.9819608
8.1757583	7.3581825	7	2.8925639	4	1.4296659	-11	1.6970563	1	1.6000000	1	1.7000000	9.9826840	-1	9.9826840
8.1907743	7.3837317	7	2.8975814	4	1.4271902	-11	1.7000000	1	1.6029386	1	1.7029386	9.9827437	-1	9.9827437
8.1980127	7.3960634	7	2.9000000	4	1.4259999	-11	1.7014190	1	1.6043552	1	1.7043552	9.9827724	-1	9.9827724
8.2587836	7.5000000	7	2.9203057	4	1.4160846	-11	1.7133323	1	1.6162481	1	1.7162481	9.9830106	-1	9.9830106
8.3591991	7.6733246	7	2.9538570	4	1.4000000	-11	1.7330167	1	1.6358995	1	1.7358995	9.9833934	-1	9.9833934
8.4973063	7.9149311	7	3.0000000	4	1.3784666	-11	1.7600886	1	1.6629271	1	1.7629271	9.9838991	-1	9.9838991
8.5000000	7.9196806	7	3.0009000	4	1.3780532	-11	1.7606166	1	1.6634543	1	1.7634543	9.9839087	-1	9.9839087
8.5454321	8.0000000	7	3.0160788	4	1.3711180	-11	1.7695220	1	1.6723453	1	1.7723453	9.9840699	-1	9.9840699
8.6867432	8.2524060	7	3.0632891	4	1.3499868	-11	1.7972201	1	1.7000000	1	1.8000000	9.9845560	-1	9.9845560
8.7009263	8.2779553	7	3.0680273	4	1.3479019	-11	1.8000000	1	1.7027756	1	1.8027756	9.9846035	-1	9.9846035

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β
8.8232819	6	3.1089028	4	1.3301798	-11	1.8239815	1
9.0000000	7	3.1679364	4	1.3053923	-11	1.8586163	1
9.0393373	7	3.1810768	4	1.3000000	-11	1.8663257	1
9.0930969	6	3.1990346	4	1.2927024	-11	1.8768615	1
9.0959869	6	3.2000000	4	1.2923124	-11	1.8774279	1
9.1977281	6	3.2339848	4	1.2787320	-11	1.8973666	1
9.2111658	6	3.2384733	4	1.2769597	-11	1.9000000	1
9.3555360	6	3.2866956	4	1.2582242	-11	1.9282919	1
9.5000000	6	3.3349474	4	1.2400195	-11	1.9566010	1
9.6111732	6	3.3720786	4	1.2263652	-11	1.9783857	1
9.6947738	6	3.4000000	4	1.2162941	-11	1.9947671	1
9.7087130	6	3.4046554	4	1.2146309	-11	1.9974984	1
9.7214796	6	3.4089192	4	1.2131117	-11	2.0000000	1
9.8330065	6	3.4461665	4	1.2000000	-11	2.0218528	1
1.0000000	7	3.5019365	4	1.1808894	-11	2.0545729	1
1.0103994	7	3.5366658	4	1.1692933	-11	2.0749484	1
1.0219698	7	3.573047	4	1.1566566	-11	2.0976177	1
1.0231857	7	3.5793652	4	1.1553445	-11	2.1000000	1
1.0293649	7	3.6000000	4	1.1487222	-11	2.1121064	1
1.0574929	7	3.6939270	4	1.1195131	-11	2.1672130	1
1.0730683	7	3.7459354	4	1.1039699	-11	2.1977261	1
1.0742290	7	3.7498112	4	1.1028288	-11	2.2000000	1
1.0771170	7	3.7594544	4	1.1000000	-11	2.2056576	1
1.0892599	7	3.8000000	4	1.0882631	-11	2.2294456	1
1.1000000	7	3.8358606	4	1.0780892	-11	2.2504849	1
1.1026657	7	3.8447611	4	1.0755934	-11	2.2557068	1
1.1241668	7	3.9165500	4	1.0558782	-11	2.2978251	1
1.1252771	7	3.9202571	4	1.0548797	-11	2.3000000	1
1.1461353	7	3.9898972	4	1.0364678	-11	2.3408575	1
1.1491613	7	4.0000000	4	1.0338500	-11	2.3467848	1
1.1752653	7	4.0871506	4	1.0118051	-11	2.3979158	1
1.1763293	7	4.0907031	4	1.0109264	-11	2.4000000	1
1.1880810	7	4.1299359	4	1.0013230	-11	2.4230178	1
1.1897176	7	4.1353998	4	1.0000000	-11	2.4262234	1
1.2000000	7	4.1697270	4	9.9176753	-12	2.4463630	1
1.2090681	7	4.2000000	4	9.8461901	-12	2.4641241	1
1.2263637	7	4.2577388	4	9.7126669	-12	2.4979992	1
1.2273853	7	4.2611491	4	9.7048936	-12	2.5000000	1
1.2286525	7	4.2653795	4	9.6952682	-12	2.5024820	1
1.2549157	7	4.3530524	4	9.5000000	-12	2.5539194	1
8.8232819	6	3.1089028	4	1.3301798	-11	1.8239815	1
9.0000000	7	3.1679364	4	1.3053923	-11	1.8586163	1
9.0393373	7	3.1810768	4	1.3000000	-11	1.8663257	1
9.0930969	6	3.1990346	4	1.2927024	-11	1.8768615	1
9.0959869	6	3.2000000	4	1.2923124	-11	1.8774279	1
9.1977281	6	3.2339848	4	1.2787320	-11	1.8973666	1
9.2111658	6	3.2384733	4	1.2769597	-11	1.9000000	1
9.3555360	6	3.2866956	4	1.2582242	-11	1.9282919	1
9.5000000	6	3.3349474	4	1.2400195	-11	1.9566010	1
9.6111732	6	3.3720786	4	1.2263652	-11	1.9783857	1
9.6947738	6	3.4000000	4	1.2162941	-11	1.9947671	1
9.7087130	6	3.4046554	4	1.2146309	-11	1.9974984	1
9.7214796	6	3.4089192	4	1.2131117	-11	2.0000000	1
9.8330065	6	3.4461665	4	1.2000000	-11	2.0218528	1
1.0000000	7	3.5019365	4	1.1808894	-11	2.0545729	1
1.0103994	7	3.5366658	4	1.1692933	-11	2.0749484	1
1.0219698	7	3.573047	4	1.1566566	-11	2.0976177	1
1.0231857	7	3.5793652	4	1.1553445	-11	2.1000000	1
1.0293649	7	3.6000000	4	1.1487222	-11	2.1121064	1
1.0574929	7	3.6939270	4	1.1195131	-11	2.1672130	1
1.0730683	7	3.7459354	4	1.1039699	-11	2.1977261	1
1.0742290	7	3.7498112	4	1.1028288	-11	2.2000000	1
1.0771170	7	3.7594544	4	1.1000000	-11	2.2056576	1
1.0892599	7	3.8000000	4	1.0882631	-11	2.2294456	1
1.1000000	7	3.8358606	4	1.0780892	-11	2.2504849	1
1.1026657	7	3.8447611	4	1.0755934	-11	2.2557068	1
1.1241668	7	3.9165500	4	1.0558782	-11	2.2978251	1
1.1252771	7	3.9202571	4	1.0548797	-11	2.3000000	1
1.1461353	7	3.9898972	4	1.0364678	-11	2.3408575	1
1.1491613	7	4.0000000	4	1.0338500	-11	2.3467848	1
1.1752653	7	4.0871506	4	1.0118051	-11	2.3979158	1
1.1763293	7	4.0907031	4	1.0109264	-11	2.4000000	1
1.1880810	7	4.1299359	4	1.0013230	-11	2.4230178	1
1.1897176	7	4.1353998	4	1.0000000	-11	2.4262234	1
1.2000000	7	4.1697270	4	9.9176753	-12	2.4463630	1
1.2090681	7	4.2000000	4	9.8461901	-12	2.4641241	1
1.2263637	7	4.2577388	4	9.7126669	-12	2.4979992	1
1.2273853	7	4.2611491	4	9.7048936	-12	2.5000000	1
1.2286525	7	4.2653795	4	9.6952682	-12	2.5024820	1
1.2549157	7	4.3530524	4	9.5000000	-12	2.5539194	1
8.8232819	6	3.1089028	4	1.3301798	-11	1.8239815	1
9.0000000	7	3.1679364	4	1.3053923	-11	1.8586163	1
9.0393373	7	3.1810768	4	1.3000000	-11	1.8663257	1
9.0930969	6	3.1990346	4	1.2927024	-11	1.8768615	1
9.0959869	6	3.2000000	4	1.2923124	-11	1.8774279	1
9.1977281	6	3.2339848	4	1.2787320	-11	1.8973666	1
9.2111658	6	3.2384733	4	1.2769597	-11	1.9000000	1
9.3555360	6	3.2866956	4	1.2582242	-11	1.9282919	1
9.5000000	6	3.3349474	4	1.2400195	-11	1.9566010	1
9.6111732	6	3.3720786	4	1.2263652	-11	1.9783857	1
9.6947738	6	3.4000000	4	1.2162941	-11	1.9947671	1
9.7087130	6	3.4046554	4	1.2146309	-11	1.9974984	1
9.7214796	6	3.4089192	4	1.2131117	-11	2.0000000	1
9.8330065	6	3.4461665	4	1.2000000	-11	2.0218528	1
1.0000000	7	3.5019365	4	1.1808894	-11	2.0545729	1
1.0103994	7	3.5366658	4	1.1692933	-11	2.0749484	1
1.0219698	7	3.573047	4	1.1566566	-11	2.0976177	1
1.0231857	7	3.5793652	4	1.1553445	-11	2.1000000	1
1.0293649	7	3.6000000	4	1.1487222	-11	2.1121064	1
1.0574929	7	3.6939270	4	1.1195131	-11	2.1672130	1
1.0730683	7	3.7459354	4	1.1039699	-11	2.1977261	1
1.0742290	7	3.7498112	4	1.1028288	-11	2.2000000	1
1.0771170	7	3.7594544	4	1.1000000	-11	2.2056576	1
1.0892599	7	3.8000000	4	1.0882631	-11	2.2294456	1
1.1000000	7	3.8358606	4	1.0780892	-11	2.2504849	1
1.1026657	7	3.8447611	4	1.0755934	-11	2.2557068	1
1.1241668	7	3.9165500	4	1.0558782	-11	2.2978251	1
1.1252771	7	3.9202571	4	1.0548797	-11	2.3000000	1
1.1461353	7	3.9898972	4	1.0364678	-11	2.3408575	1
1.1491613	7	4.0000000	4	1.0338500	-11	2.3467848	1
1.1752653	7	4.0871506	4	1.0118051	-11	2.3979158	1
1.1763293	7	4.0907031	4	1.0109264	-11	2.4000000	1
1.1880810	7	4.1299359	4	1.0013230	-11	2.4230178	1
1.1897176	7	4.1353998	4	1.0000000	-11	2.4262234	1
1.2000000	7	4.1697270	4	9.9176753	-12	2.4463630	1
1.2090681	7	4.2000000	4	9.8461901	-12	2.4641241	1
1.2263637	7	4.2577388	4	9.7126669	-12	2.4979992	1
1.2273853	7	4.2611491	4	9.7048936	-12	2.5000000	1
1.2286525	7	4.2653795	4	9.6952682	-12	2.5024820	1
1.2549157	7	4.3530524	4	9.5000000	-12	2.5539194	1
8.8232819	6	3.1089028	4	1.3301798	-11	1.8239815	1
9.0000000	7	3.1679364	4	1.3053923	-11	1.8586163	1
9.0393373	7	3.1810768	4	1.3000000	-11	1.8663257	1
9.0930969	6	3.1990346	4	1.2927024	-11	1.8768615	1
9.0959869	6	3.2000000	4	1.2923124	-11	1.8774279	1
9.1977281	6	3.2339848	4	1.2787320	-11	1.8973666	1
9.2111658	6	3.2384733	4	1.2769597	-11	1.9000000	1
9.3555360	6	3.2866956	4	1.2582242	-11	1.9282919	1
9.5000000	6	3.3349474	4	1.2400195	-11	1.9566010	1
9.6111732	6	3.3720786	4	1.2263652	-11	1.9783857	1
9.6947738	6	3.4000000	4	1.2162941	-11	1.9947671	1
9.7087130	6	3.4046554	4	1.2146309	-11	1.9974984	1
9.7214796	6	3.4089192	4	1.2131117	-11	2.0000000	1
9.8330065	6	3.4461665	4	1.2000000	-11	2.0218528	1
1.0000000	7	3.5019365	4	1.1808894	-11	2.0545729	1
1.0103994	7	3.5366658	4	1.1692933	-11	2.0749484	1
1.0219698	7	3.573047	4	1.1566566	-11	2.0976177	1
1.0231857	7	3.5793652	4	1.1553445	-11	2.1000000	1
1.0293649	7	3.6000000	4	1.1487222	-11	2.1121064	1
1.0574929	7	3.6939270	4	1.1195131	-11	2.1672130	1
1.0730683	7	3.7459354	4	1.1039699	-11	2.1977261	1
1.0742290	7	3.7498112	4	1.1028288	-11	2.2000000	1
1.0771170	7	3.759					

V	V*	H ρ	λ	p*	E*	W*	β						
1.2679768	7	4.3966525	4	9.4057918	-12	2.5794994	1	2.4814370	1	2.5814370	1	9.9924940	-1
1.2689796	7	4.4000000	4	9.3986360	-12	2.5814633	1	2.4833995	1	2.5833995	1	9.9925054	-1
1.2774622	7	4.4283160	4	9.3385382	-12	2.5980762	1	2.5000000	1	2.6000000	1	9.9926008	-1
1.2784445	7	4.4315950	4	9.3316285	-12	2.6000000	1	2.5019224	1	2.6019224	1	9.9926117	-1
1.3000000	7	4.5035485	4	9.1825364	-12	2.6422148	1	2.5441065	1	2.6441065	1	9.9928457	-1
1.3061622	7	4.5241181	4	9.1407865	-12	2.6542830	1	2.5561660	1	2.6561660	1	9.9929105	-1
1.3273639	7	4.5948887	4	9.0000000	-12	2.6958038	1	2.5976579	1	2.6976579	1	9.9931270	-1
1.3285607	7	4.5988835	4	8.9921822	-12	2.6981475	1	2.6000000	1	2.7000000	1	9.9931389	-1
1.3288952	7	4.6000000	4	8.9899996	-12	2.6988026	1	2.6006546	1	2.7006546	1	9.9931423	-1
1.3295067	7	4.6020410	4	8.9860126	-12	2.7000000	1	2.6018512	1	2.7018512	1	9.9931483	-1
1.3433023	7	4.6480895	4	8.8969883	-12	2.7270165	1	2.6288494	1	2.7288494	1	9.9932833	-1
1.3794785	7	4.7688392	4	8.6717115	-12	2.7978599	1	2.6996464	1	2.7996464	1	9.9936188	-1
1.3796592	7	4.7694423	4	8.6706151	-12	2.7982137	1	2.7000000	1	2.8000000	1	9.9936204	-1
1.3805714	7	4.7724869	4	8.6650836	-12	2.8000000	1	2.7017851	1	2.8017851	1	9.9936285	-1
1.3888144	7	4.8000000	4	8.6154163	-12	2.8161418	1	2.7179167	1	2.8179167	1	9.9937013	-1
1.4000000	7	4.8373345	4	8.5489227	-12	2.8380458	1	2.7398070	1	2.8398070	1	9.9937981	-1
1.4083416	7	4.8651763	4	8.5000000	-12	2.8543805	1	2.7561316	1	2.8561316	1	9.9938688	-1
1.4147622	7	4.8866061	4	8.4627239	-12	2.8669533	1	2.7686968	1	2.8686968	1	9.9939224	-1
1.4307577	7	4.9399933	4	8.3712660	-12	2.8982753	1	2.8000000	1	2.9000000	1	9.9940529	-1
1.4316384	7	4.9429329	4	8.3662876	-12	2.9000000	1	2.8017236	1	2.9017236	1	9.9940600	-1
1.4487367	7	5.0000000	4	8.2707997	-12	2.9334810	1	2.8351850	1	2.9351850	1	9.9941947	-1
1.4492163	7	5.0016008	4	8.2681525	-12	2.9344202	1	2.8361236	1	2.9361236	1	9.9941984	-1
1.4818562	7	5.1105373	4	8.0919081	-12	2.9983329	1	2.9000000	1	3.0000000	1	9.9944429	-1
1.4827076	7	5.1133789	4	8.0874113	-12	3.0000000	1	2.9016662	1	3.0016662	1	9.9944491	-1
1.4828968	7	5.1140104	4	8.0864127	-12	3.0003705	1	2.9020365	1	3.0020365	1	9.9944504	-1
1.4994481	7	5.1692498	4	8.0000000	-12	3.0327793	1	2.9344275	1	3.0344275	1	9.9945683	-1
1.5000000	7	5.1710917	4	7.9971504	-12	3.0338599	1	2.9355075	1	3.0355075	1	9.9945722	-1
1.5158535	7	5.2240017	4	7.9161534	-12	3.0649020	1	2.9665329	1	3.0665329	1	9.9946815	-1
1.5329547	7	5.2810750	4	7.8306024	-12	3.0983867	1	3.0000000	1	3.1000000	1	9.9947957	-1
1.5481312	7	5.3317244	4	7.7562146	-12	3.1281025	1	3.0297005	1	3.1297005	1	9.9948941	-1
1.5797701	7	5.4373133	4	7.6055941	-12	3.1900511	1	3.0916181	1	3.1916181	1	9.9950903	-1
1.5840532	7	5.4516069	4	7.5856530	-12	3.1984371	1	3.1000000	1	3.2000000	1	9.9951160	-1
1.5848514	7	5.4542708	4	7.5819481	-12	3.2000000	1	3.1015621	1	3.2015621	1	9.9951208	-1
1.5985540	7	5.5000000	4	7.5189088	-12	3.2268291	1	3.1283783	1	3.2283783	1	9.9952015	-1
1.6000000	7	5.5048255	4	7.5123178	-12	3.2296602	1	3.1312080	1	3.2312080	1	9.9952099	-1
1.6027091	7	5.5138664	4	7.5000000	-12	3.2349645	1	3.1365098	1	3.2365098	1	9.9952256	-1
1.6108069	7	5.5408905	4	7.4634210	-12	3.2508194	1	3.1523572	1	3.2523572	1	9.9952720	-1
1.6351517	7	5.6221336	4	7.3555701	-12	3.2984845	1	3.2000000	1	3.3000000	1	9.9954076	-1
1.6412745	7	5.6425667	4	7.3289339	-12	3.3104725	1	3.2119825	1	3.3119825	1	9.9954408	-1
1.6712033	7	5.7424429	4	7.2014644	-12	3.3690695	1	3.2705532	1	3.3705532	1	9.9955979	-1

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β
1.6862501	7	5.7926556	4	7.1390397	-12	3.3985291	1
1.6870014	7	5.7951627	4	7.1359512	-12	3.4000000	1
1.7000000	7	5.8385398	4	7.0829350	-12	3.4254492	1
1.7006208	7	5.8406114	4	7.0804228	-12	3.4266646	1
1.7207292	7	5.9077140	4	7.0000000	-12	3.4660334	1
1.7373486	7	5.9631732	4	6.9348980	-12	3.4985711	1
1.7483846	7	6.0000000	4	6.8923330	-12	3.5201773	1
1.7580213	7	6.0321575	4	6.8555899	-12	3.5404565	1
1.7884471	7	6.1336869	4	6.7421111	-12	3.5000000	1
1.7891567	7	6.1360546	4	6.7395094	-12	3.5013886	1
1.8000000	7	6.1723278	4	6.7000008	-12	3.5226090	1
1.8136557	7	6.2178057	4	6.6508991	-12	3.5493334	1
1.8395456	7	6.3041969	4	6.5597568	-12	3.6000000	1
1.8569143	7	6.3621536	4	6.5000000	-12	3.7326514	1
1.8676778	7	6.3980692	4	6.4635122	-12	3.7537230	1
1.8906441	7	6.4747035	4	6.3870104	-12	3.7986840	1
1.8913163	7	6.4769466	4	6.3847984	-12	3.8000000	1
1.8982252	7	6.5000000	4	6.3621536	-12	3.8135254	1
1.9000000	7	6.5059221	4	6.3563624	-12	3.8169998	1
1.9202199	7	6.5733913	4	6.2911208	-12	3.8565837	1
1.9417426	7	6.6452070	4	6.2231317	-12	3.8987177	1
1.9713975	7	6.7441571	4	6.1318260	-12	3.9567714	1
1.9928411	7	6.8157076	4	6.0674549	-12	3.9987498	1
1.9934797	7	6.8178385	4	6.0655585	-12	4.0000000	1
2.0000000	7	6.8395946	4	6.0462646	-12	4.0127642	1
2.0158058	7	6.8923330	4	6.0000000	-12	4.0437057	1
2.0213117	7	6.9107046	4	5.9840495	-12	4.0544842	1
2.0439396	7	6.9862055	4	5.9193790	-12	4.0987803	1
2.0480738	7	7.0000000	4	5.9077140	-12	4.1068735	1
2.0700517	7	7.0733317	4	5.8464667	-12	4.1498969	1
2.0950381	7	7.1567010	4	5.7783605	-12	4.1988094	1
2.0956463	7	7.1587304	4	5.7767224	-12	4.2000000	1
2.1000000	7	7.1732569	4	5.7650240	-12	4.2085226	1
2.1176966	7	7.2323028	4	5.7179573	-12	4.2431646	1
2.1461366	7	7.3271942	4	5.6439064	-12	4.2988370	1
2.1643171	7	7.3878540	4	5.5975657	-12	4.3344259	1
2.1972350	7	7.4976852	4	5.5155688	-12	4.3988635	1
2.1978156	7	7.4996223	4	5.5141441	-12	4.4000000	1
2.1979288	7	7.5000000	4	5.5138664	-12	4.4002216	1
2.2000000	7	7.5069105	4	5.5087907	-12	4.4042759	1
2.2509378	8	2.9509378	8	3.3985291	3.3000000	3.4000000	1
2.2534927	8	2.9534927	8	3.4000000	3.3014703	3.4014703	1
2.2978722	8	2.9978722	8	3.4254492	3.3269085	3.4269085	1
2.3000000	8	3.0000000	8	3.4266646	3.3281234	3.4281234	1
2.30693298	8	3.0693298	8	3.4660334	3.3674757	3.4674757	1
2.3127275	8	3.127275	8	3.4985711	3.4000000	3.5000000	1
2.31659724	8	3.1659724	8	3.5201773	3.4215974	3.5215974	1
2.3200000	8	3.2000000	8	3.5390440	3.4404565	3.5404565	1
2.33086272	8	3.3086272	8	3.5986108	3.5000000	3.6000000	1
2.3311821	8	3.311821	8	3.6000000	3.5013886	3.6013886	1
2.3503481	8	3.3503481	8	3.6212285	3.5226090	3.6226090	1
2.3400000	8	3.4000000	8	3.6479630	3.5493334	3.6493334	1
2.34951367	8	3.4951367	8	3.6986484	3.6000000	3.7000000	1
2.3596961	8	3.596961	8	3.7326514	3.6339907	3.7339907	1
2.3600000	8	3.6000000	8	3.7537230	3.6550547	3.7550547	1
2.36867560	8	3.6867560	8	3.7986840	3.7000000	3.8000000	1
2.36893109	8	3.6893109	8	3.8000000	3.7013156	3.8013156	1
2.37156204	8	3.7156204	8	3.8135254	3.7148363	3.8148363	1
2.37223941	8	3.7223941	8	3.8169998	3.7183095	3.8183095	1
2.3800000	8	3.8000000	8	3.8565837	3.7578800	3.8578800	1
2.38834852	8	3.8834852	8	3.8987177	3.8000000	3.9000000	1
2.4000000	8	4.0000000	8	3.9567714	3.8580349	3.9580349	1
2.40853242	8	4.0853242	8	3.9987498	3.9000000	4.0000000	1
2.40878791	8	4.0878791	8	4.0000000	3.9012498	4.0012498	1
2.41140100	8	4.1140100	8	4.0127642	3.9140100	4.0140100	1
2.41776989	8	4.1776989	8	4.0437057	3.9449420	4.0449420	1
2.4200000	8	4.2000000	8	4.0544842	3.9557172	4.0557172	1
2.4292731	8	4.292731	8	4.0987803	4.0000000	4.1000000	1
2.43092403	8	4.3092403	8	4.1068735	4.0080908	4.1080908	1
2.4400000	8	4.4000000	8	4.1498969	4.0511016	4.1511016	1
2.45043318	8	4.5043318	8	4.1988094	4.1000000	4.2000000	1
2.45068868	8	4.5068868	8	4.2000000	4.1011903	4.2011903	1
2.45251961	8	4.5251961	8	4.2085226	4.1097105	4.2097105	1
2.4600000	8	4.6000000	8	4.2431646	4.1443428	4.2443428	1
2.47215004	8	4.7215004	8	4.2988370	4.2000000	4.3000000	1
2.4800000	8	4.8000000	8	4.3344259	4.2355793	4.3355793	1
2.49437788	8	4.9437788	8	4.3988635	4.3000000	4.4000000	1
2.49463338	8	4.9463338	8	4.4000000	4.3011362	4.4011362	1
2.4948319	8	4.948319	8	4.4002216	4.3013577	4.4013577	1
2.49559521	8	4.9559521	8	4.4042759	4.3054110	4.4054110	1
2.4974184	8	4.974184	8	4.4042759	4.4054110	4.4054110	1
2.49774170	8	4.9774170	8	4.4042759	4.4054110	4.4054110	1
2.49774186	8	4.9774186	8	4.4042759	4.4054110	4.4054110	1
2.49774234	8	4.9774234	8	4.4042759	4.4054110	4.4054110	1

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β								
2.2035961	7	4.9718070	8	7.5189088	4	5.5000000	-12	4.4113153	1	4.3124486	1	4.4124486	1	9.9974316	-1
2.2099765	7	5.0000000	8	7.5401969	4	5.4844719	-12	4.4238049	1	4.3249350	1	4.4249350	1	9.9974461	-1
2.2483335	7	5.1711671	8	7.6681742	4	5.3929393	-12	4.4988888	1	4.4000000	1	4.5000000	1	9.9975306	-1
2.2994320	7	5.4036652	8	7.8386614	4	5.2756455	-12	4.5989129	1	4.5000000	1	4.6000000	1	9.9976368	-1
2.2999874	7	5.4062202	8	7.8405143	4	5.2743987	-12	4.6000000	1	4.5010868	1	4.6010868	1	9.9976379	-1
2.3000000	7	5.4062783	8	7.8405564	4	5.2743704	-12	4.6000247	1	4.5011115	1	4.6011115	1	9.9976379	-1
2.3202819	7	5.5000000	8	7.9082252	4	5.2292388	-12	4.6397258	1	4.5408033	1	4.6408033	1	9.9976781	-1
2.3477890	7	5.6283955	8	8.0000000	4	5.1692498	-12	4.6935697	1	4.5946348	1	4.6946348	1	9.9977311	-1
2.3505305	7	5.6412732	8	8.0091468	4	5.1633463	-12	4.6989360	1	4.6000000	1	4.7000000	1	9.9977363	-1
2.4000000	7	5.8761744	8	8.1741956	4	5.0590909	-12	4.7957696	1	4.6968120	1	4.7968120	1	9.9978267	-1
2.4016290	7	5.8839910	8	8.1796305	4	5.0557294	-12	4.7989582	1	4.7000000	1	4.8000000	1	9.9978296	-1
2.4021612	7	5.8865460	8	8.1814062	4	5.0546321	-12	4.8000000	1	4.7010416	1	4.8010416	1	9.9978306	-1
2.4256796	7	6.0000000	8	8.2598719	4	5.0066150	-12	4.8460355	1	4.7470672	1	4.8470672	1	9.9978716	-1
2.4289550	7	6.0158865	8	8.2707997	4	5.0000000	-12	4.8524468	1	4.7534771	1	4.8534771	1	9.9978772	-1
2.4527275	7	6.1318187	8	8.3501127	4	4.9525078	-12	4.8989795	1	4.8000000	1	4.9000000	1	9.9979173	-1
2.4976534	7	6.3539308	8	8.5000000	4	4.8651763	-12	4.9869178	1	4.8879203	1	4.9879203	1	9.9979901	-1
2.5000000	7	6.3656407	8	8.5078289	4	4.8606994	-12	4.9915109	1	4.8925125	1	4.9925125	1	9.9979938	-1
2.5038260	7	6.3847562	8	8.5205935	4	4.8534176	-12	4.9989999	1	4.9000000	1	5.0000000	1	9.9979998	-1
2.5043369	7	6.3873112	8	8.5222981	4	4.8524468	-12	5.0000000	1	4.9009999	1	5.0009999	1	9.9980006	-1
2.5267717	7	6.5000000	8	8.5971472	4	4.8102001	-12	5.0439137	1	4.9449049	1	5.0449049	1	9.9980352	-1
2.5322476	7	6.5276546	8	8.6154163	4	4.8000000	-12	5.0546321	1	4.9556212	1	5.0556212	1	9.9980436	-1
2.5549245	7	6.6428036	8	8.6910729	4	4.7582156	-12	5.0990195	1	5.0000000	1	5.1000000	1	9.9980775	-1
2.6000000	7	6.8746770	8	8.8414569	4	4.6772833	-12	5.1872492	1	5.0882130	1	5.1882130	1	9.9981423	-1
2.6240463	7	7.0000000	8	8.9216813	4	4.6352248	-12	5.2343166	1	5.1352717	1	5.2352717	1	9.9981756	-1
2.6445239	7	7.1076163	8	8.9899996	4	4.6000000	-12	5.2743987	1	5.1753466	1	5.2753466	1	9.9982032	-1
2.6475214	7	7.1234380	8	9.0000000	4	4.5948887	-12	5.2802659	1	5.1812127	1	5.2812127	1	9.9982072	-1
2.7000000	7	7.4032833	8	9.1750802	4	4.5072084	-12	5.3829848	1	5.2839135	1	5.3839135	1	9.9982749	-1
2.7179057	7	7.5000000	8	9.2348175	4	4.4780526	-12	5.4180324	1	5.3189552	1	5.4189552	1	9.9982971	-1
2.7593184	7	7.7260916	8	9.3729783	4	4.4120446	-12	5.4990908	1	5.4000000	1	5.5000000	1	9.9983470	-1
2.7597829	7	7.7286465	8	9.3745279	4	4.4113153	-12	5.5000000	1	5.4009090	1	5.5009090	1	9.9983475	-1
2.7670091	7	7.7684484	8	9.3986360	4	4.4000000	-12	5.5141441	1	5.4150508	1	5.5150508	1	9.9983560	-1
2.7973924	7	7.9369170	8	9.5000000	4	4.3530524	-12	5.5736140	1	5.4745110	1	5.5745110	1	9.9983909	-1
2.8000000	7	7.9514597	8	9.5086993	4	4.3490699	-12	5.5787179	1	5.4796140	1	5.5796140	1	9.9983938	-1
2.8086864	7	8.0000000	8	9.5376785	4	4.3358558	-12	5.5957198	1	5.4966133	1	5.5966133	1	9.9984036	-1
2.8104169	7	8.0096882	8	9.5434519	4	4.3332327	-12	5.5991071	1	5.5000000	1	5.6000000	1	9.9984055	-1
2.8966726	7	8.5000000	8	9.8312140	4	4.2063980	-12	5.7679360	1	5.6688028	1	5.7688028	1	9.9984974	-1
2.9000000	7	8.5192061	8	9.8423147	4	4.2016537	-12	5.7744487	1	5.6753145	1	5.7753145	1	9.9985008	-1
2.9011616	7	8.5259162	8	9.8461901	4	4.2000000	-12	5.7767224	1	5.6775879	1	5.7775879	1	9.9985020	-1
2.9472660	7	8.7943679	8	1.0000000	5	4.1353998	-12	5.8669621	1	5.7678143	1	5.8678143	1	9.9985477	-1
2.9821076	7	9.0000000	8	1.0116236	5	4.0878840	-12	5.9351571	1	5.8359995	1	5.9359995	1	9.9985809	-1

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β										
3.000000	7	9.1065226	8	1.0175927	5	4.0639049	-12	5.9701776	1	5.8710150	1	5.9710150	1	9.9985975	-1	9.9985975	-1
3.0148109	7	9.1951732	8	1.0225337	5	4.0442674	-12	5.9991666	1	5.9000000	1	6.0000000	1	9.9986110	-1	9.9986110	-1
3.0152367	7	9.1977281	8	1.0226758	5	4.0437057	-12	6.0000000	1	5.9008333	1	6.0008333	1	9.9986114	-1	9.9986114	-1
3.0487315	7	9.3998226	8	1.0338500	5	4.0000000	-12	6.0655585	1	5.9663828	1	6.0663828	1	9.9986412	-1	9.9986412	-1
3.0652012	7	9.5000000	8	1.0393444	5	3.9788541	-12	6.0977943	1	5.9986142	1	6.0986142	1	9.9986556	-1	9.9986556	-1
3.0659094	7	9.5043190	8	1.0395807	5	3.9779500	-12	6.0991803	1	6.0000000	1	6.1000000	1	9.9986562	-1	9.9986562	-1
3.1461361	7	1.0000000	9	1.0663449	5	3.8781073	-12	6.2562049	1	6.1570041	1	6.2570041	1	9.9987228	-1	9.9987228	-1
3.2000000	7	1.0339866	9	1.0843142	5	3.8138391	-12	6.3616301	1	6.2624160	1	6.3624160	1	9.9987648	-1	9.9987648	-1
3.2118372	7	1.0415316	9	1.0882631	5	3.8000000	-12	6.3847984	1	6.2855815	1	6.3855815	1	9.9987737	-1	9.9987737	-1
3.2470193	7	1.0641185	9	1.1000000	5	3.7594544	-12	6.4536583	1	6.3544330	1	6.4544330	1	9.9987997	-1	9.9987997	-1
3.2703033	7	1.0792001	9	1.1077676	5	3.7330932	-12	6.4992307	1	6.4000000	1	6.5000000	1	9.9988165	-1	9.9988165	-1
3.2706964	7	1.0794556	9	1.1078988	5	3.7326514	-12	6.5000000	1	6.4007692	1	6.5007692	1	9.9988168	-1	9.9988168	-1
3.3021505	7	1.1000000	9	1.1183919	5	3.6976302	-12	6.5615631	1	6.4623251	1	6.5623251	1	9.9988389	-1	9.9988389	-1
3.3214018	7	1.1126696	9	1.1248142	5	3.6765181	-12	6.5992424	1	6.5000000	1	6.6000000	1	9.9988521	-1	9.9988521	-1
3.3930681	7	1.1604719	9	1.1487222	5	3.6000000	-12	6.7395094	1	6.6402513	1	6.7402513	1	9.9988994	-1	9.9988994	-1
3.4000000	7	1.1651489	9	1.1510347	5	3.5927674	-12	6.7530767	1	6.6538171	1	6.7538171	1	9.9989038	-1	9.9989038	-1
3.4512220	7	1.2000000	9	1.1681223	5	3.5402114	-12	6.8533291	1	6.7540587	1	6.8540587	1	9.9989356	-1	9.9989356	-1
3.5257958	7	1.2516575	9	1.1930000	5	3.4663872	-12	6.9992857	1	6.9000000	1	7.0000000	1	9.9989795	-1	9.9989795	-1
3.5261607	7	1.2519130	9	1.1931217	5	3.4660334	-12	7.0000000	1	6.9007143	1	7.0007143	1	9.9989797	-1	9.9989797	-1
3.5467792	7	1.2663890	9	1.2000000	5	3.4461665	-12	7.0403545	1	6.9410647	1	7.0410647	1	9.9989914	-1	9.9989914	-1
3.5768943	7	1.2876819	9	1.2100463	5	3.4175551	-12	7.0992957	1	7.0000000	1	7.1000000	1	9.9990081	-1	9.9990081	-1
3.5942024	7	1.3000000	9	1.2158202	5	3.4013251	-12	7.1331711	1	7.0338721	1	7.1338721	1	9.9990175	-1	9.9990175	-1
3.5956228	7	1.3010135	9	1.2162941	5	3.4000000	-12	7.1335912	1	7.0366518	1	7.1366518	1	9.9990182	-1	9.9990182	-1
3.6000000	7	1.3041392	9	1.2177543	5	3.3959230	-12	7.1445183	1	7.0452181	1	7.1452181	1	9.9990206	-1	9.9990206	-1
3.7317824	7	1.4000000	9	1.2617163	5	3.2775989	-12	7.4024415	1	7.3031169	1	7.4031169	1	9.9990876	-1	9.9990876	-1
3.7812882	7	1.4368895	9	1.2782311	5	3.2352521	-12	7.4993333	1	7.4000000	1	7.5000000	1	9.9991111	-1	9.9991111	-1
3.7816289	7	1.4371450	9	1.2783447	5	3.2349645	-12	7.5000000	1	7.4006666	1	7.5006666	1	9.9991112	-1	9.9991112	-1
3.8000000	7	1.4509576	9	1.2844732	5	3.2195299	-12	7.5359556	1	7.4366191	1	7.5366191	1	9.9991197	-1	9.9991197	-1
3.8234994	7	1.4687223	9	1.2923124	5	3.2000000	-12	7.5819481	1	7.4826076	1	7.5826076	1	9.9991303	-1	9.9991303	-1
3.8323867	7	1.4754689	9	1.2952772	5	3.1926756	-12	7.5993421	1	7.5000000	1	7.6000000	1	9.9991343	-1	9.9991343	-1
3.8465442	7	1.4862482	9	1.3000000	5	3.1810768	-12	7.6270507	1	7.5277063	1	7.6277063	1	9.9991406	-1	9.9991406	-1
3.8645315	7	1.5000000	9	1.3060004	5	3.1664613	-12	7.6622549	1	7.5629074	1	7.6629074	1	9.9991485	-1	9.9991485	-1
3.9929252	7	1.6000000	9	1.3488314	5	3.0659130	-12	7.9135429	1	7.8141747	1	7.9141747	1	9.9992017	-1	9.9992017	-1
4.0000000	7	1.6056040	9	1.3511915	5	3.0605579	-12	7.9273894	1	7.8280201	1	7.9280201	1	9.9992045	-1	9.9992045	-1
4.0367807	7	1.6348962	9	1.3634612	5	3.0330162	-12	7.9993750	1	7.9000000	1	8.0000000	1	9.9992187	-1	9.9992187	-1
4.0371000	7	1.6351517	9	1.3635677	5	3.0327793	-12	8.0000000	1	7.9006250	1	8.0006250	1	9.9992188	-1	9.9992188	-1
4.0817624	7	1.6710796	9	1.3784666	5	3.0000000	-12	8.0874113	1	7.9880296	1	8.0880296	1	9.9992356	-1	9.9992356	-1
4.0878791	7	1.6760305	9	1.3805071	5	2.9955658	-12	8.0993827	1	8.0000000	1	8.1000000	1	9.9992379	-1	9.9992379	-1
4.1173661	7	1.7000000	9	1.3903436	5	2.9743725	-12	8.1570933	1	8.0577062	1	8.1577062	1	9.9992486	-1	9.9992486	-1
4.1463132	7	1.7236961	9	1.4000000	5	2.9538570	-12	8.2137469	1	8.1143556	1	8.2143556	1	9.9992590	-1	9.9992590	-1

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β								
4.2000000	7	1.7680784	9	1.4179093	5	2.9165475	-12	8.3188200	1	8.2194211	1	8.3194211	1	9.9992776	-1
4.2242535	7	1.7883135	9	1.4259999	5	2.9000000	-12	8.3662876	1	8.2668852	1	8.3668852	1	9.9992857	-1
4.2381983	7	1.8000000	9	1.4306518	5	2.8905705	-12	8.3935797	1	8.2941754	1	8.3941754	1	9.9992904	-1
4.2522731	7	1.8456774	9	1.4486904	5	2.8545780	-12	8.4994117	1	8.4000000	1	8.5000000	1	9.9993079	-1
4.2925737	7	1.8459329	9	1.4487907	5	2.8543805	-12	8.5000000	1	8.4005882	1	8.5005882	1	9.9993080	-1
4.3433716	7	1.8893666	9	1.4657362	5	2.8213807	-12	8.5994186	1	8.5000000	1	8.6000000	1	9.9993239	-1
4.3557186	7	1.9000000	9	1.4698550	5	2.8134747	-12	8.6235834	1	8.5241632	1	8.6241632	1	9.9993277	-1
4.3769232	7	1.9183311	9	1.4769285	5	2.8000000	-12	8.6650836	1	8.5656606	1	8.6656606	1	9.9993341	-1
4.4000000	7	1.9383809	9	1.4846266	5	2.7854814	-12	8.7102480	1	8.6108221	1	8.7108221	1	9.9993410	-1
4.4460853	7	1.9787328	9	1.5000000	5	2.7569332	-12	8.8004431	1	8.7010113	1	8.8010113	1	9.9993545	-1
4.4701853	7	2.0000000	9	1.5080394	5	2.7422360	-12	8.8476099	1	8.7481750	1	8.8481750	1	9.9993613	-1
4.5409025	7	2.0630612	9	1.5316296	5	2.7000000	-12	8.9860126	1	8.8865690	1	8.9865690	1	9.9993808	-1
4.5477656	7	2.0692333	9	1.5339190	5	2.6959702	-12	8.9994444	1	8.9000000	1	9.0000000	1	9.9993827	-1
4.5480494	7	2.0694888	9	1.5340137	5	2.6958038	-12	9.0000000	1	8.9005555	1	9.0005555	1	9.9993828	-1
4.5818246	7	2.1000000	9	1.5452805	5	2.6761483	-12	9.0661023	1	8.9666538	1	9.0666538	1	9.9993917	-1
4.5988640	7	2.1154775	9	1.5509646	5	2.6663406	-12	9.0994505	1	9.0000000	1	9.1000000	1	9.9993962	-1
4.6000000	7	2.1165113	9	1.5513435	5	2.6656893	-12	9.1016737	1	9.0022231	1	9.1022231	1	9.9993965	-1
4.608364	7	2.2000000	9	1.5816450	5	2.6146194	-12	9.2794515	1	9.1799903	1	9.2799903	1	9.9994194	-1
4.7174965	7	2.2248101	9	1.5905384	5	2.6000000	-12	9.3316285	1	9.2321643	1	9.3321643	1	9.9994259	-1
4.7458601	7	2.2513582	9	1.6000000	5	2.5846249	-12	9.3871393	1	9.2876720	1	9.3876720	1	9.9994326	-1
4.7973978	7	2.3000000	9	1.6171921	5	2.5571482	-12	9.4880046	1	9.3885315	1	9.4885315	1	9.9994446	-1
4.8000000	7	2.3024698	9	1.6180601	5	2.5557764	-12	9.4930974	1	9.3936241	1	9.4936241	1	9.9994452	-1
4.8032580	7	2.3055638	9	1.6191469	5	2.5540609	-12	9.4994737	1	9.4000000	1	9.5000000	1	9.9994460	-1
4.8035269	7	2.3058193	9	1.6192366	5	2.5539194	-12	9.5000000	1	9.4005263	1	9.5005263	1	9.9994460	-1
4.8543565	7	2.3543629	9	1.6361925	5	2.5274532	-12	9.5994791	1	9.5000000	1	9.6000000	1	9.9994574	-1
4.9016670	7	2.4000000	9	1.6519744	5	2.5033075	-12	9.6920710	1	9.5925869	1	9.6925869	1	9.9994678	-1
4.9082188	7	2.4063546	9	1.6541599	5	2.5000000	-12	9.7048936	1	9.6054088	1	9.7054088	1	9.9994692	-1
5.0000000	7	2.4962563	9	1.6847764	5	2.4545689	-12	9.8850251	1	9.7850251	1	9.8850251	1	9.9994883	-1
5.0037859	7	2.5000000	9	1.6860393	5	2.4527304	-12	9.8919286	1	9.7924340	1	9.8924340	1	9.9994891	-1
5.0456370	7	2.5415723	9	1.7000000	5	2.4325881	-12	9.9738356	1	9.8743369	1	9.9743369	1	9.9994974	-1
5.0587504	7	2.5546690	9	1.7043744	5	2.4263447	-12	9.9995000	1	9.9000000	1	1.0000000	2	9.9995000	-1
5.0900599	7	2.5549245	9	1.7044596	5	2.4262234	-12	1.0000000	2	9.9005000	2	1.0000500	2	9.9995000	-1
5.1038822	7	2.6000000	9	1.7194294	5	2.4051000	-12	1.0087827	2	9.9883230	1	1.0088323	2	9.9995087	-1
5.1098489	7	2.6060230	9	1.7214198	5	2.4023191	-12	1.0099505	2	1.0000000	2	1.0100000	2	9.9995098	-1
5.1148355	7	2.6110618	9	1.7230833	5	2.4000000	-12	1.0109264	2	1.0009759	2	1.0109759	2	9.9995108	-1
5.2020715	7	2.7000000	9	1.7521834	5	2.3601409	-12	1.0279994	2	1.0180480	2	1.0280480	2	9.9995269	-1
5.2984590	7	2.8000000	9	1.7843363	5	2.3176124	-12	1.0468633	2	1.0369111	2	1.0469111	2	9.9995438	-1
5.3394198	7	2.8430465	9	1.7979999	5	2.3000000	-12	1.0548797	2	1.049271	2	1.0549271	2	9.9995507	-1
5.3454156	7	2.8493752	9	1.8000000	5	2.2974443	-12	1.0560532	2	1.0461005	2	1.0561005	2	9.9995517	-1
5.3931402	7	2.9000000	9	1.8159199	5	2.2773030	-12	1.0653933	2	1.0554402	2	1.0654402	2	9.9995595	-1

V	V*	Hρ	λ	p*	E*	W*	β								
5.4862027	7	3.0000000	9	1.8469635	5	2.2390263	-12	1.0836065	2	1.0736526	2	1.0836526	2	9.9995742	-1
5.5000000	7	3.0149701	9	1.8515660	5	2.2334607	-12	1.0863067	2	1.0763528	2	1.0863528	2	9.9995763	-1
5.5697353	7	3.0912031	9	1.8748281	5	2.2057488	-12	1.0999545	2	1.0900000	2	1.1000000	2	9.9995868	-1
5.5699676	7	3.0914586	9	1.8749056	5	2.2056576	-12	1.1000000	2	1.09000455	2	1.1000455	2	9.9995868	-1
5.5844218	7	3.1073794	9	1.8797272	5	2.2000000	-12	1.1028288	2	1.0928742	2	1.1028742	2	9.9995889	-1
5.6208338	7	3.1476669	9	1.8918734	5	2.1858756	-12	1.1099550	2	1.1000000	2	1.1100000	2	9.9995942	-1
5.6451958	7	3.1747668	9	1.9000000	5	2.1765262	-12	1.1147228	2	1.1047677	2	1.1147677	2	9.9995976	-1
5.6677864	7	3.2000000	9	1.9075357	5	2.1679279	-12	1.1191440	2	1.1091886	2	1.1191886	2	9.9996008	-1
5.8437793	7	3.4000000	9	1.9662428	5	2.1031990	-12	1.1535872	2	1.1436305	2	1.1536305	2	9.9996243	-1
5.8527584	7	3.4103665	9	1.9692380	5	2.1000000	-12	1.1553445	2	1.1453878	2	1.1553878	2	9.9996254	-1
5.9449772	7	3.5177472	9	2.0000000	5	2.0676999	-12	1.1733924	2	1.1634350	2	1.1734350	2	9.9996369	-1
6.0000000	7	3.5826090	9	2.0183542	5	2.0488969	-12	1.1841608	2	1.1742030	2	1.1842030	2	9.9996434	-1
6.0146680	7	3.6000000	9	2.0232471	5	2.0439420	-12	1.1870314	2	1.1770735	2	1.1870735	2	9.9996452	-1
6.0807202	7	3.6788357	9	2.0452805	5	2.0219230	-12	1.1999583	2	1.1900000	2	1.2000000	2	9.9996528	-1
6.0809331	7	3.6790912	9	2.0453515	5	2.0218528	-12	1.2000000	2	1.1900417	2	1.2000417	2	9.9996528	-1
6.1318187	7	3.7404094	9	2.0623257	5	2.0052118	-12	1.2099587	2	1.2000000	2	1.2100000	2	9.9996585	-1
6.1479297	7	3.7599290	9	2.0766999	5	2.0000000	-12	1.2131117	2	1.2031529	2	1.2131529	2	9.9996603	-1
6.1808725	7	3.8000000	9	2.0786888	5	1.9894271	-12	1.2195589	2	1.2095999	2	1.2195999	2	9.9996638	-1
6.2447598	7	3.8783162	9	2.1000000	5	1.9692380	-12	1.2320620	2	1.2221026	2	1.2321026	2	9.9996706	-1
6.3427581	7	4.0000000	9	2.1326897	5	1.9390536	-12	1.2512410	2	1.2412809	2	1.2512809	2	9.9996806	-1
6.4741727	7	4.1661264	9	2.1765262	5	1.9000000	-12	1.2769597	2	1.2669988	2	1.2769988	2	9.9996934	-1
6.5000000	7	4.1991731	9	2.1851415	5	1.8925089	-12	1.2820143	2	1.2720533	2	1.2820533	2	9.9996958	-1
6.5006450	7	4.2000000	9	2.1853567	5	1.8923226	-12	1.2821405	2	1.2721795	2	1.2821795	2	9.9996959	-1
6.5445433	7	4.2564741	9	2.2000000	5	1.8797272	-12	1.2907317	2	1.2807704	2	1.2907704	2	9.9996999	-1
6.5917051	7	4.3175669	9	2.2157320	5	1.8663809	-12	1.2999615	2	1.2900000	2	1.3000000	2	9.9997041	-1
6.5919017	7	4.3178224	9	2.2157975	5	1.8663257	-12	1.3000000	2	1.2900385	2	1.3000385	2	9.9997042	-1
6.6428036	7	4.3842504	9	2.2327771	5	1.8521329	-12	1.3099618	2	1.3000000	2	1.3100000	2	9.9997086	-1
6.6548154	7	4.4000000	9	2.2367839	5	1.8488151	-12	1.3123126	2	1.3023507	2	1.3123507	2	9.9997097	-1
6.8055203	7	4.6000000	9	2.2870550	5	1.8081768	-12	1.3418065	2	1.3318437	2	1.3418437	2	9.9997223	-1
6.8366661	7	4.6418877	9	2.2974443	5	1.8000000	-12	1.3479019	2	1.3379390	2	1.3479390	2	9.9997248	-1
6.8443275	7	4.6522206	9	2.3000000	5	1.7979999	-12	1.3494013	2	1.3394383	2	1.3494383	2	9.9997254	-1
6.9529832	7	4.8000000	9	2.3362446	5	1.7701057	-12	1.3706658	2	1.3607023	2	1.3707023	2	9.9997339	-1
7.0000000	7	4.8646623	9	2.3519281	5	1.7583020	-12	1.3798673	2	1.3699035	2	1.3799035	2	9.9997374	-1
7.0974049	7	5.0000000	9	2.3844196	5	1.7343423	-12	1.3989300	2	1.3889657	2	1.3989657	2	9.9997445	-1
7.1026900	7	5.0073965	9	2.3861826	5	1.7330609	-12	1.3999643	2	1.3900000	2	1.4000000	2	9.9997449	-1
7.1028725	7	5.0076520	9	2.3862435	5	1.7330167	-12	1.4000000	2	1.3900357	2	1.4000357	2	9.9997449	-1
7.1441126	7	5.0655559	9	2.4000000	5	1.7230833	-12	1.4080709	2	1.3981064	2	1.4081064	2	9.9997478	-1
7.1537885	7	5.0791898	9	2.4032276	5	1.7207691	-12	1.4099645	2	1.4000000	2	1.4100000	2	9.9997485	-1
7.2418070	7	5.2040540	9	2.4325881	5	1.7000000	-12	1.4271902	2	1.4172253	2	1.4272253	2	9.9997545	-1
7.4438982	7	5.4964799	9	2.5000000	5	1.6541599	-12	1.4667405	2	1.4567746	2	1.4667746	2	9.9997676	-1

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β						
7.4462977	7	2.5008004	5	1.6536305	-12	1.4672101	2	1.4572442	2	1.4672442	2	9.9997677	-1
7.5000000	7	2.5187139	5	1.6418696	-12	1.4777199	2	1.4677538	2	1.4777538	2	9.9997710	-1
7.6136749	7	2.5566326	5	1.6175182	-12	1.4999667	2	1.4900000	2	1.5000000	2	9.9997778	-1
7.6138452	7	2.5566894	5	1.6174823	-12	1.5000000	2	1.4900033	2	1.5000333	2	9.9997778	-1
7.6647734	7	2.5736776	5	1.6068057	-12	1.5099669	2	1.5000000	2	1.5100000	2	9.9997807	-1
7.6975919	7	2.5846249	5	1.6000000	-12	1.5163896	2	1.5064226	2	1.5164226	2	9.9997826	-1
7.7436844	7	2.6000000	5	1.5905384	-12	1.5254101	2	1.5154429	2	1.5254429	2	9.9997851	-1
7.7796613	7	2.6120008	5	1.5832307	-12	1.5324510	2	1.5224836	2	1.5324836	2	9.9997871	-1
8.0000000	7	2.6854993	5	1.5398998	-12	1.5755723	2	1.5656040	2	1.5756040	2	9.9997986	-1
8.0434711	7	2.7000000	5	1.5316296	-12	1.5840798	2	1.5741113	2	1.5841113	2	9.9998007	-1
8.0994013	7	2.7186567	5	1.5211188	-12	1.5950256	2	1.5850569	2	1.5950569	2	9.9998035	-1
8.1246598	7	2.7270821	5	1.5164192	-12	1.5999687	2	1.5900000	2	1.6000000	2	9.9998047	-1
8.1248195	7	2.7271354	5	1.5163896	-12	1.6000000	2	1.5900312	2	1.6000312	2	9.9998047	-1
8.1757583	7	2.7441271	5	1.5070001	-12	1.6099689	2	1.6000000	2	1.6100000	2	9.9998071	-1
8.2141495	7	2.7569332	5	1.5000000	-12	1.6174823	2	1.6075132	2	1.6175132	2	9.9998089	-1
8.3432582	7	2.8000000	5	1.4769285	-12	1.6427494	2	1.6327798	2	1.6427798	2	9.9998147	-1
8.4070630	7	2.8212833	5	1.4657868	-12	1.6552362	2	1.6452665	2	1.6552665	2	9.9998175	-1
8.5000000	7	2.8522843	5	1.4498554	-12	1.6734244	2	1.6634543	2	1.6734543	2	9.9998215	-1
8.6356447	7	2.8975312	5	1.4272149	-12	1.6999706	2	1.6900000	2	1.7000000	2	9.9998270	-1
8.6357950	7	2.8975814	5	1.4271902	-12	1.7000000	2	1.6900294	2	1.7000294	2	9.9998270	-1
8.6430458	7	2.9000000	5	1.4259999	-12	1.7014190	2	1.6914484	2	1.7014484	2	9.9998273	-1
8.6867432	7	2.9145761	5	1.4188684	-12	1.7099708	2	1.7000000	2	1.7100000	2	9.9998290	-1
8.7039198	7	2.9203057	5	1.4160846	-12	1.7133323	2	1.7033615	2	1.7133615	2	9.9998297	-1
8.8045026	7	2.9538570	5	1.4000000	-12	1.7330167	2	1.7230456	2	1.7330456	2	9.9998335	-1
8.9428337	7	3.0000000	5	1.3784666	-12	1.7600886	2	1.7501170	2	1.7601170	2	9.9998386	-1
8.9910359	7	3.0160788	5	1.3711180	-12	1.7695220	2	1.7595502	2	1.7695502	2	9.9998403	-1
9.0000000	7	3.0190689	5	1.3697600	-12	1.7712763	2	1.7613045	2	1.7713045	2	9.9998406	-1
9.1466296	7	3.0679808	5	1.3479227	-12	1.7999722	2	1.7900000	2	1.8000000	2	9.9998457	-1
9.1467715	7	3.0680273	5	1.3479019	-12	1.8000000	2	1.7900278	2	1.8000278	2	9.9998457	-1
9.1977281	7	3.0850248	5	1.3404754	-12	1.8099724	2	1.8000000	2	1.8100000	2	9.9998474	-1
9.2693115	7	3.1089028	5	1.3301798	-12	1.8239815	2	1.8140089	2	1.8240089	2	9.9998497	-1
9.4856808	7	3.1810768	5	1.3000000	-12	1.8663257	2	1.8563525	2	1.8663525	2	9.9998565	-1
9.5000000	7	3.1858532	5	1.2980510	-12	1.8691280	2	1.8591548	2	1.8691548	2	9.9998569	-1
9.5395163	7	3.1990346	5	1.2927024	-12	1.8768615	2	1.8668881	2	1.8768881	2	9.9998581	-1
9.5424104	7	3.2000000	5	1.2923124	-12	1.8774279	2	1.8674545	2	1.8774545	2	9.9998581	-1
9.6576145	7	3.2384284	5	1.2769774	-12	1.8999737	2	1.8900000	2	1.9000000	2	9.9998615	-1
9.6577490	7	3.2384733	5	1.2769597	-12	1.9000000	2	1.8900263	2	1.9000263	2	9.9998615	-1
9.7087130	7	3.2554733	5	1.2702914	-12	1.9099738	2	1.9000000	2	1.9100000	2	9.9998629	-1
9.8023142	7	3.2866956	5	1.2582242	-12	1.9282919	2	1.9183178	2	1.9283178	2	9.9998655	-1
1.0000000	8	3.3526373	5	1.2334766	-12	1.9669796	2	1.9570050	2	1.9670050	2	9.9998708	-1

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β								
1.0058283	8	1.0000000	10	3.3720786	5	1.2263652	-12	1.9783857	2	1.9684110	2	1.9784110	2	9.9998723	-1
1.0141988	8	1.0166289	10	3.4000000	5	1.2162941	-12	1.9947671	2	1.9847922	2	1.9947922	2	9.9998743	-1
1.0168599	8	1.0219442	10	3.4088766	5	1.2131269	-12	1.9999750	2	1.9900000	2	2.0000000	2	9.9998750	-1
1.0168727	8	1.0219698	10	3.4089192	5	1.2131117	-12	2.0000000	2	1.9900250	2	2.0000250	2	9.9998750	-1
1.0219698	8	1.0321895	10	3.4259214	5	1.2070913	-12	2.0099751	2	2.0000000	2	2.0100000	2	9.9998762	-1
1.0280390	8	1.0444247	10	3.4461665	5	1.2000000	-12	2.0218528	2	2.0118776	2	2.0218776	2	9.9998777	-1
1.0551698	8	1.1000000	10	3.5366658	5	1.1692933	-12	2.0749484	2	2.0649725	2	2.0749725	2	9.9998839	-1
1.0679584	8	1.1266961	10	3.5793246	5	1.1553576	-12	2.0999762	2	2.0900000	2	2.1000000	2	9.9998866	-1
1.0679706	8	1.1267217	10	3.5793652	5	1.1553445	-12	2.1000000	2	2.0900238	2	2.1000238	2	9.9998866	-1
1.0730683	8	1.1374524	10	3.5963694	5	1.1498818	-12	2.1099763	2	2.1000000	2	2.1100000	2	9.9998877	-1
1.0741567	8	1.1397501	10	3.6000000	5	1.1487222	-12	2.1121064	2	2.1021300	2	2.1121300	2	9.9998879	-1
1.1000000	8	1.1949880	10	3.6862048	5	1.1218584	-12	2.1626824	2	2.1527055	2	2.1627055	2	9.9998931	-1
1.1023150	8	1.2000000	10	3.6939270	5	1.1195131	-12	2.1672130	2	2.1572360	2	2.1672360	2	9.9998935	-1
1.1190569	8	1.2365579	10	3.7497724	5	1.1028402	-12	2.1999773	2	2.1900000	2	2.2000000	2	9.9998967	-1
1.1190685	8	1.2365834	10	3.7498112	5	1.1028288	-12	2.2000000	2	2.1900227	2	2.2000227	2	9.9998967	-1
1.1219595	8	1.2429517	10	3.7594544	5	1.1000000	-12	2.2056576	2	2.1956803	2	2.2056803	2	9.9998972	-1
1.1241668	8	1.2478251	10	3.7668172	5	1.0978499	-12	2.2099774	2	2.2000000	2	2.2100000	2	9.9998976	-1
1.1341146	8	1.2699067	10	3.8000000	5	1.0882631	-12	2.2294456	2	2.2194680	2	2.2294680	2	9.9998994	-1
1.1475336	8	1.3000000	10	3.8447611	5	1.0755934	-12	2.2557068	2	2.2457289	2	2.2557289	2	9.9999017	-1
1.1701554	8	1.3515295	10	3.9202201	5	1.0548897	-12	2.2999783	2	2.2900000	2	2.3000000	2	9.9999055	-1
1.1701665	8	1.3515550	10	3.9202571	5	1.0548797	-12	2.3000000	2	2.2900217	2	2.3000217	2	9.9999055	-1
1.1752653	8	1.3633077	10	3.9372648	5	1.0503230	-12	2.3099784	2	2.3000000	2	2.3100000	2	9.9999063	-1
1.1910439	8	1.4000000	10	3.9898972	5	1.0364678	-12	2.3408575	2	2.3308789	2	2.3408789	2	9.9999088	-1
1.1940726	8	1.4070989	10	4.0000000	5	1.0338500	-12	2.3467848	2	2.3368061	2	2.3468061	2	9.9999092	-1
1.2000000	8	1.4210436	10	4.0197717	5	1.0287648	-12	2.3583848	2	2.3484060	2	2.3584060	2	9.9999101	-1
1.2212539	8	1.4716109	10	4.0906676	5	1.0109352	-12	2.3999792	2	2.3900000	2	2.4000000	2	9.9999132	-1
1.2212645	8	1.4716365	10	4.0907031	5	1.0109264	-12	2.4000000	2	2.3900208	2	2.4000208	2	9.9999132	-1
1.2263637	8	1.4839001	10	4.1077123	5	1.0067404	-12	2.4099793	2	2.4000000	2	2.4100000	2	9.9999139	-1
1.2330262	8	1.5000000	10	4.1299359	5	1.0013230	-12	2.4230178	2	2.4130384	2	2.4230384	2	9.9999148	-1
1.2346642	8	1.5039716	10	4.1353998	5	1.0000000	-12	2.4262234	2	2.4162440	2	2.4262440	2	9.9999151	-1
1.2540307	8	1.5513265	10	4.2000000	5	9.8461901	-13	2.4641241	2	2.4541444	2	2.4641444	2	9.9999177	-1
1.2723524	8	1.5968022	10	4.2611150	5	9.7049712	-13	2.4999800	2	2.4900000	2	2.5000000	2	9.9999200	-1
1.2723626	8	1.5968278	10	4.2611491	5	9.7048936	-13	2.5000000	2	2.4900200	2	2.5000200	2	9.9999200	-1
1.2736308	8	1.6000000	10	4.2653795	5	9.6952682	-13	2.5024820	2	2.4925020	2	2.5025020	2	9.9999202	-1
1.2774622	8	1.6096024	10	4.2781597	5	9.6663054	-13	2.5099801	2	2.5000000	2	2.5100000	2	9.9999206	-1
1.2999144	8	1.6664505	10	4.3530524	5	9.5000000	-13	2.5539194	2	2.5439389	2	2.5539389	2	9.9999233	-1
1.3000000	8	1.6666692	10	4.3533381	5	9.4993767	-13	2.5540869	2	2.5441065	2	2.5541065	2	9.9999234	-1
1.3129853	8	1.7000000	10	4.3966525	5	9.4057918	-13	2.5794994	2	2.5695188	2	2.5795188	2	9.9999249	-1
1.3139888	8	1.7025896	10	4.4000000	5	9.3986360	-13	2.5814633	2	2.5714827	2	2.5814827	2	9.9999250	-1
1.3234509	8	1.7271034	10	4.4315622	5	9.3316975	-13	2.5999808	2	2.5900000	2	2.6000000	2	9.9999260	-1

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β
1.3234607	8	1.7271289	10	4.4315950	5	9.3316285	-13
1.3285607	8	1.7404145	10	4.4486070	5	9.2959433	-13
1.3511983	8	1.8000000	10	4.5241181	5	9.1407865	-13
1.3724146	8	1.8607551	10	4.5948887	5	9.0000000	-13
1.3739470	8	1.8608882	10	4.6000000	5	8.9899996	-13
1.3745494	8	1.8625144	10	4.6020094	5	8.9860742	-13
1.3745588	8	1.8625399	10	4.6020410	5	8.9860126	-13
1.3796592	8	1.8763365	10	4.6190541	5	8.9529148	-13
1.3836368	8	1.9000000	10	4.6480895	5	8.8969883	-13
1.4000000	8	1.9318649	10	4.6869041	5	8.8233081	-13
1.4245634	8	2.0000000	10	4.7688392	5	8.6717115	-13
1.4256479	8	2.0030352	10	4.7724565	5	8.6651388	-13
1.4256570	8	2.0030608	10	4.7724869	5	8.6650836	-13
1.4307577	8	2.0173684	10	4.7895012	5	8.6343017	-13
1.4339051	8	2.0262224	10	4.8000000	5	8.6154163	-13
1.4534444	8	2.0816216	10	4.8651763	5	8.5000000	-13
1.4598689	8	2.1000000	10	4.8866061	5	8.4627239	-13
1.4767463	8	2.1486659	10	4.9429035	5	8.3663373	-13
1.4767552	8	2.1486915	10	4.9429329	5	8.3662876	-13
1.4818562	8	2.1635100	10	4.9599482	5	8.3375867	-13
1.4938634	8	2.1985920	10	5.0000000	5	8.2707997	-13
1.4943433	8	2.2000000	10	5.0016008	5	8.2681525	-13
1.5000000	8	2.2166306	10	5.0204697	5	8.2370775	-13
1.5278448	8	2.2994065	10	5.1133505	5	8.0874563	-13
1.5278533	8	2.2994320	10	5.1133789	5	8.0874113	-13
1.5280427	8	2.3000000	10	5.1140104	5	8.0864127	-13
1.5329547	8	2.3147616	10	5.1303952	5	8.0605873	-13
1.5446030	8	2.3499557	10	5.1692498	5	8.0000000	-13
1.5610171	8	2.4000000	10	5.2240017	5	7.9161534	-13
1.5933114	8	2.5000000	10	5.3317244	5	7.7562146	-13
1.6000000	8	2.5209664	10	5.3540351	5	7.7238937	-13
1.6249661	8	2.6000000	10	5.4373133	5	7.6055941	-13
1.6300418	8	2.6162171	10	5.4542442	5	7.5819852	-13
1.6300498	8	2.6162427	10	5.4542708	5	7.5819481	-13
1.6351517	8	2.6325942	10	5.4712888	5	7.5583650	-13
1.6437590	8	2.6602963	10	5.5000000	5	7.5189088	-13
1.6479161	8	2.7327273	10	5.5138664	5	7.5000000	-13
1.6560176	8	2.7000000	10	5.5408905	5	7.4634210	-13
1.6864993	8	2.8000000	10	5.6425667	5	7.3289339	-13
1.7000000	8	2.8448723	10	5.6876003	5	7.2709044	-13
9.9999260	2	2.6000192	2	2.5900192	2	2.6000000	2
9.9999266	2	2.6100000	2	2.6000000	2	2.6099808	2
9.9999290	2	2.6543018	2	2.6542830	2	2.6542830	2
9.9999312	2	2.6595823	2	2.658223	2	2.658223	2
9.9999314	2	2.6988211	2	2.6888211	2	2.6988026	2
9.9999314	2	2.7000000	2	2.6900000	2	2.6999815	2
9.9999314	2	2.7000185	2	2.6900185	2	2.7000000	2
9.9999319	2	2.7100000	2	2.7000000	2	2.7099815	2
9.9999328	2	2.7270348	2	2.7170348	2	2.7270165	2
9.9999339	2	2.7498070	2	2.7398070	2	2.7497888	2
9.9999361	2	2.7978778	2	2.7878778	2	2.7978599	2
9.9999362	2	2.8000000	2	2.7900000	2	2.7999821	2
9.9999362	2	2.8000179	2	2.7900179	2	2.8000000	2
9.9999367	2	2.8100000	2	2.8000000	2	2.8099822	2
9.9999369	2	2.8161596	2	2.8061596	2	2.8161418	2
9.9999386	2	2.8543980	2	2.8443980	2	2.8543805	2
9.9999392	2	2.8669707	2	2.8569707	2	2.8669533	2
9.9999405	2	2.9000000	2	2.8900000	2	2.8999828	2
9.9999405	2	2.9000172	2	2.8900172	2	2.9000000	2
9.9999410	2	2.9100000	2	2.9000000	2	2.9099828	2
9.9999419	2	2.9334981	2	2.9234981	2	2.9334810	2
9.9999424	2	2.9344373	2	2.9244373	2	2.9344202	2
9.9999444	2	2.9455075	2	2.9355075	2	2.9454905	2
9.9999444	2	3.0000000	2	2.9900000	2	2.9999833	2
9.9999444	2	3.0000167	2	2.9900167	2	3.0000000	2
9.9999445	2	3.0003872	2	2.9903872	2	3.0003705	2
9.9999448	2	3.0100000	2	3.0000000	2	3.0099834	2
9.9999456	2	3.0327957	2	3.0227957	2	3.0327793	2
9.9999468	2	3.0649183	2	3.0549183	2	3.0649020	2
9.9999489	2	3.1281185	2	3.1181185	2	3.1281025	2
9.9999493	2	3.1412080	2	3.1312080	2	3.1411921	2
9.9999509	2	3.1900668	2	3.1800668	2	3.1900511	2
9.9999512	2	3.2000000	2	3.1900000	2	3.1999844	2
9.9999512	2	3.2000156	2	3.1900156	2	3.2000000	2
9.9999515	2	3.2100000	2	3.2000000	2	3.2099844	2
9.9999520	2	3.2268446	2	3.2168446	2	3.2268291	2
9.9999522	2	3.2349800	2	3.2249800	2	3.2349645	2
9.9999527	2	3.2508348	2	3.2408348	2	3.2508194	2
9.9999544	2	3.3104876	2	3.3004876	2	3.3104725	2
9.9999551	2	3.3369085	2	3.3269085	2	3.3368935	2

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β						
1.7164413	8	5.7424429	5	7.2014644	-13	3.3690695	2	3.3590843	2	3.3690843	2	9.9999559	-1
1.7322388	8	5.7951377	5	7.1359820	-13	3.3999853	2	3.3900000	2	3.4000000	2	9.9999567	-1
1.7322463	8	5.7951627	5	7.1359512	-13	3.4000000	2	3.3900147	2	3.4000147	2	9.9999567	-1
1.7373486	8	5.8121823	5	7.1150552	-13	3.4099853	2	3.4000000	2	3.4100000	2	9.9999570	-1
1.7458714	8	5.8406114	5	7.0804228	-13	3.4266646	2	3.4166792	2	3.4266792	2	9.9999574	-1
1.7659882	8	5.9077140	5	7.0000000	-13	3.4660334	2	3.4560479	2	3.4660479	2	9.9999584	-1
1.7936548	8	6.0000000	5	6.8923330	-13	3.5201773	2	3.5101915	2	3.5201915	2	9.9999596	-1
1.8000000	8	6.0211653	5	6.8681054	-13	3.5325949	2	3.5226090	2	3.5326090	2	9.9999599	-1
1.8032954	8	6.0321575	5	6.8555899	-13	3.5390440	2	3.5290581	2	3.5390581	2	9.9999601	-1
1.8344358	8	6.1360310	5	6.7395355	-13	3.5999861	2	3.5900000	2	3.6000000	2	9.9999614	-1
1.8344429	8	6.1360546	5	6.7395094	-13	3.6000000	2	3.5900139	2	3.6000139	2	9.9999614	-1
1.8395456	8	6.1530756	5	6.7208662	-13	3.6099861	2	3.6000000	2	3.6100000	2	9.9999616	-1
1.8589511	8	6.2178057	5	6.6508991	-13	3.6479630	2	3.6379767	2	3.6479767	2	9.9999624	-1
1.9000000	8	6.3547302	5	6.5075931	-13	3.7282961	2	3.7183095	2	3.7283095	2	9.9999640	-1
1.9022255	8	6.3621536	5	6.5000000	-13	3.7326514	2	3.7226648	2	3.7326648	2	9.9999641	-1
1.9129927	8	6.3980692	5	6.4635122	-13	3.7537230	2	3.7437363	2	3.7537363	2	9.9999645	-1
1.9366327	8	6.4769241	5	6.3848205	-13	3.7999868	2	3.7900000	2	3.8000000	2	9.9999654	-1
1.9366395	8	6.4769466	5	6.3847984	-13	3.8000000	2	3.7900132	2	3.8000132	2	9.9999654	-1
1.9417426	8	6.4939688	5	6.3680624	-13	3.8099869	2	3.8000000	2	3.8100000	2	9.9999656	-1
1.9435507	8	6.5000000	5	6.3621536	-13	3.8135254	2	3.8035385	2	3.8135385	2	9.9999656	-1
1.9655528	8	6.5733913	5	6.2911208	-13	3.8565837	2	3.8465967	2	3.8565967	2	9.9999664	-1
2.0000000	8	6.6882949	5	6.1830405	-13	3.9239973	2	3.9140100	2	3.9240100	2	9.9999675	-1
2.0167470	8	6.7441571	5	6.1318260	-13	3.9567714	2	3.9467841	2	3.9567841	2	9.9999681	-1
2.0388297	8	6.8178172	5	6.0655775	-13	3.9999875	2	3.9900000	2	4.0000000	2	9.9999687	-1
2.0388361	8	6.8178385	5	6.0655585	-13	4.0000000	2	3.9900125	2	4.0000125	2	9.9999687	-1
2.0439396	8	6.8348618	5	6.0504512	-13	4.0099875	2	4.0000000	2	4.0100000	2	9.9999689	-1
2.0611690	8	6.8923330	5	6.0000000	-13	4.0437057	2	4.0337180	2	4.0437180	2	9.9999694	-1
2.0666766	8	6.9107706	5	5.9840495	-13	4.0544842	2	4.0444965	2	4.0544965	2	9.9999696	-1
2.0934467	8	7.0000000	5	5.9077140	-13	4.1068735	2	4.0968856	2	4.1068856	2	9.9999704	-1
2.1000000	8	7.0218596	5	5.8893229	-13	4.1196984	2	4.1097105	2	4.1197105	2	9.9999705	-1
2.1154309	8	7.0733317	5	5.8464667	-13	4.1498969	2	4.1399089	2	4.1499089	2	9.9999710	-1
2.1410267	8	7.1587101	5	5.7767388	-13	4.1999881	2	4.1900000	2	4.2000000	2	9.9999717	-1
2.1410328	8	7.1587304	5	5.7767224	-13	4.2000000	2	4.1900119	2	4.2000119	2	9.9999717	-1
2.1461366	8	7.1757548	5	5.7630172	-13	4.2099881	2	4.2000000	2	4.2100000	2	9.9999718	-1
2.1630892	8	7.2323028	5	5.7179573	-13	4.2431646	2	4.2331764	2	4.2431764	2	9.9999722	-1
2.2000000	8	7.3554241	5	5.6222452	-13	4.3153994	2	4.3054110	2	4.3154110	2	9.9999731	-1
2.2097222	8	7.3878540	5	5.5975657	-13	4.3344259	2	4.3244375	2	4.3344375	2	9.9999734	-1
2.2432237	8	7.4996030	5	5.5141583	-13	4.3999886	2	4.3900000	2	4.4000000	2	9.9999742	-1
2.2432295	8	7.4996223	5	5.5141441	-13	4.4000000	2	4.3900114	2	4.4000114	2	9.9999742	-1
2.2433427	8	7.5000000	5	5.5138664	-13	4.4002216	2	4.3902329	2	4.4002329	2	9.9999742	-1

V	V*	H ρ	λ	p*	E*	W*	β								
2.2483335	8	4.9688171	10	7.5166476	5	5.5016545	-13	4.4099887	2	4.4000000	2	4.4100000	2	9.9999743	-1
2.2490114	8	4.9718070	10	7.5189088	5	5.5000000	-13	4.4113153	2	4.4013266	2	4.4113266	2	9.9999743	-1
2.2553934	8	5.0000000	10	7.5401969	5	5.4844719	-13	4.4238049	2	4.4138162	2	4.4238162	2	9.9999744	-1
2.3000000	8	5.1992783	10	7.6889886	5	5.3783404	-13	4.5111005	2	4.5011115	2	4.5111115	2	9.9999754	-1
2.3454207	8	5.4061946	10	7.8404957	5	5.2744112	-13	4.5999891	2	4.5900000	2	4.6000000	2	9.9999764	-1
2.3454262	8	5.4062202	10	7.8405143	5	5.2743987	-13	4.6000000	2	4.5900109	2	4.6000109	2	9.9999764	-1
2.3505305	8	5.4297255	10	7.8575404	5	5.2629699	-13	4.6099892	2	4.6000000	2	4.6100000	2	9.9999765	-1
2.3657254	8	5.5000000	10	7.9082252	5	5.2292388	-13	4.6397258	2	4.6297365	2	4.6397365	2	9.9999768	-1
2.3932388	8	5.6283955	10	8.0000000	5	5.1692498	-13	4.6935697	2	4.6835803	2	4.6935803	2	9.9999773	-1
2.4000000	8	5.6601745	10	8.0225530	5	5.1547180	-13	4.7068014	2	4.6968120	2	4.7068120	2	9.9999774	-1
2.4476176	8	5.885204	10	8.1813884	5	5.0546431	-13	4.7999896	2	4.7900000	2	4.8000000	2	9.9999783	-1
2.4476230	8	5.8865460	10	8.1814062	5	5.0546321	-13	4.8000000	2	4.7900104	2	4.8000104	2	9.9999783	-1
2.4527275	8	5.9110732	10	8.1984331	5	5.0441344	-13	4.8099896	2	4.8000000	2	4.8100000	2	9.9999784	-1
2.4711464	8	6.0000000	10	8.2598719	5	5.0066150	-13	4.8460355	2	4.8360458	2	4.8460458	2	9.9999787	-1
2.4744224	8	6.0158865	10	8.2707997	5	5.0000000	-13	4.8524468	2	4.8424571	2	4.8524571	2	9.9999788	-1
2.5000000	8	6.1406407	10	8.3561173	5	4.9489490	-13	4.9025023	2	4.8925125	2	4.9025125	2	9.9999792	-1
2.5431349	8	6.3539308	10	8.5000000	5	4.8651763	-13	4.9869178	2	4.9769278	2	4.9869278	2	9.9999799	-1
2.5498146	8	6.3872856	10	8.5222811	5	4.8524565	-13	4.9999900	2	4.9900000	2	5.0000000	2	9.9999800	-1
2.5498197	8	6.3873112	10	8.5222981	5	4.8524468	-13	5.0000000	2	4.9900100	2	5.0000100	2	9.9999800	-1
2.5549245	8	6.4128604	10	8.5393257	5	4.8427709	-13	5.0099900	2	5.0000000	2	5.0100000	2	9.9999801	-1
2.5722589	8	6.5000000	10	8.5971472	5	4.8102001	-13	5.0439137	2	5.0339236	2	5.0439236	2	9.9999803	-1
2.5777358	8	6.5276546	10	8.6154163	5	4.8000000	-13	5.0546321	2	5.0446420	2	5.0546420	2	9.9999804	-1
2.6000000	8	6.6406770	10	8.6896816	5	4.7589774	-13	5.0982032	2	5.0882130	2	5.0982130	2	9.9999808	-1
2.6695517	8	7.0000000	10	8.9216813	5	4.6352248	-13	5.2343166	2	5.2243261	2	5.2343261	2	9.9999817	-1
2.6900331	8	7.1076163	10	8.9899996	5	4.6000000	-13	5.2743987	2	5.2644082	2	5.2744082	2	9.9999820	-1
2.6930311	8	7.1234380	10	9.0000000	5	4.5948887	-13	5.2802659	2	5.2702754	2	5.2802754	2	9.9999821	-1
2.7000000	8	7.1602833	10	9.0232458	5	4.5830513	-13	5.2939041	2	5.2839135	2	5.2939135	2	9.9999822	-1
2.7634276	8	7.5000000	10	9.2348175	5	4.4780526	-13	5.4180324	2	5.4080416	2	5.4180416	2	9.9999830	-1
2.8000000	8	7.6994597	10	9.3568100	5	4.4196685	-13	5.4896049	2	5.4796140	2	5.4896140	2	9.9999834	-1
2.8053071	8	7.7286210	10	9.3745124	5	4.4113226	-13	5.4999909	2	5.4900000	2	5.5000000	2	9.9999835	-1
2.8053117	8	7.7286465	10	9.3745279	5	4.4113153	-13	5.5000000	2	5.4900091	2	5.5000091	2	9.9999835	-1
2.8104169	8	7.7567507	10	9.3915571	5	4.4033165	-13	5.5099909	2	5.5000000	2	5.5100000	2	9.9999835	-1
2.8125391	8	7.7684484	10	9.3986360	5	4.4000000	-13	5.5141441	2	5.5041532	2	5.5141532	2	9.9999836	-1
2.8492973	8	7.9369170	10	9.5000000	5	4.3530524	-13	5.5736140	2	5.5636230	2	5.5736230	2	9.9999839	-1
2.8542230	8	8.0000000	10	9.5376785	5	4.3358558	-13	5.5957198	2	5.5857288	2	5.5957288	2	9.9999840	-1
2.9000000	8	8.2582061	10	9.6903741	5	4.2675337	-13	5.6853058	2	5.6753146	2	5.6853146	2	9.9999845	-1
2.9422227	8	8.5000000	10	9.8312140	5	4.2063980	-13	5.7679360	2	5.7579446	2	5.7679446	2	9.9999850	-1
2.9457124	8	8.5259162	10	9.8461901	5	4.2000000	-13	5.7767224	2	5.7767310	2	5.7767310	2	9.9999850	-1
2.9928235	8	8.7943679	10	1.0000000	6	4.1353998	-13	5.8669621	2	5.8569706	2	5.8669706	2	9.9999855	-1
3.0000000	8	8.8365226	10	1.0023938	6	4.1255241	-13	5.8810065	2	5.8710151	2	5.8810151	2	9.9999855	-1

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β
3.0276701	8	1.0116236	6	4.0878840	-13	5.9351571	2
3.0607995	8	1.0226744	6	4.0437113	-13	5.9999917	2
3.0608038	8	1.0226758	6	4.0437057	-13	6.0000000	2
3.0659094	8	1.0283872	10	4.0369830	-13	6.0099917	2
3.0943031	8	1.0338500	6	4.0000000	-13	6.0655585	2
3.1107751	8	1.0393444	6	3.9788541	-13	6.0977943	2
3.1917205	8	1.0663449	6	3.8781073	-13	6.2562049	2
3.2000000	8	1.0691066	11	3.8680892	-13	6.2724161	2
3.2574297	8	1.0882631	6	3.8000000	-13	6.3847984	2
3.2926160	8	1.1000000	6	3.7594544	-13	6.4536583	2
3.3162920	8	1.1078974	6	3.7326558	-13	6.4999923	2
3.3162959	8	1.1078988	6	3.7326514	-13	6.5000000	2
3.3214018	8	1.1096019	6	3.7269221	-13	6.5099923	2
3.3477537	8	1.1183919	6	3.6976302	-13	6.5615631	2
3.4000000	8	1.1358194	6	3.6408955	-13	6.6638096	2
3.4386815	8	1.1487222	6	3.6000000	-13	6.7395094	2
3.4968415	8	1.1681223	6	3.5402114	-13	6.8533291	2
3.5717844	8	1.1931205	6	3.4660370	-13	6.9999929	2
3.5717881	8	1.1931217	6	3.4660334	-13	7.0000000	2
3.5768943	8	1.1948250	6	3.4610925	-13	7.0099929	2
3.5924086	8	1.2000000	6	3.4461665	-13	7.0403545	2
3.6000000	8	1.2025322	6	3.4389098	-13	7.0552110	2
3.6398364	8	1.2158202	6	3.4013251	-13	7.1331711	2
3.6412570	8	1.2162941	6	3.4000000	-13	7.1359512	2
3.7774294	8	1.2617163	6	3.2775989	-13	7.4024415	2
3.8000000	8	1.2692450	6	3.2581572	-13	7.4466123	2
3.8202769	8	1.2783436	6	3.2349674	-13	7.4999933	2
3.8272803	8	1.27831450	11	3.2349645	-13	7.5000000	2
3.8323867	8	1.2800480	6	3.2306599	-13	7.5099933	2
3.8691545	8	1.2923124	6	3.2000000	-13	7.5819481	2
3.8922012	8	1.3000000	6	3.1810768	-13	7.6270507	2
3.9101900	8	1.3060004	6	3.1664613	-13	7.6622549	2
4.0000000	8	1.3359578	11	3.0954570	-13	7.8380137	2
4.0385942	8	1.3488314	6	3.0659130	-13	7.9135429	2
4.0827693	8	1.3635666	6	3.0327816	-13	7.9999937	2
4.0827725	8	1.3635677	6	3.0327793	-13	8.0000000	2
4.0878791	8	1.3652711	6	3.0289954	-13	8.0099938	2
4.1274383	8	1.3784666	6	3.0000000	-13	8.0874175	2
4.1630447	8	1.3903436	6	2.9743725	-13	8.1570933	2
4.1919939	8	1.4000000	6	2.9538570	-13	8.2137469	2
5.9351656	2	5.9251656	2	5.9351571	2	5.9351656	2
6.0000000	2	5.9900000	2	5.9999917	2	5.9999917	2
6.0000083	2	5.9900083	2	6.0000000	2	6.0000000	2
6.0100000	2	6.0000000	2	6.0099917	2	6.0100000	2
6.0655667	2	6.0555667	2	6.0655585	2	6.0655667	2
6.0978025	2	6.0878025	2	6.0977943	2	6.0978025	2
6.2562129	2	6.2462129	2	6.2562049	2	6.2562129	2
6.2724161	2	6.2624161	2	6.2724081	2	6.2724161	2
6.3848063	2	6.3748063	2	6.3847984	2	6.3848063	2
6.4536660	2	6.4436660	2	6.4536583	2	6.4536660	2
6.5000000	2	6.4900000	2	6.4999923	2	6.5000000	2
6.5000077	2	6.4900077	2	6.5000000	2	6.5000077	2
6.5100000	2	6.5000000	2	6.5099923	2	6.5100000	2
6.5615707	2	6.5515707	2	6.5615631	2	6.5615707	2
6.6638171	2	6.6538171	2	6.6638096	2	6.6638171	2
6.7395169	2	6.7295169	2	6.7395094	2	6.7395169	2
6.8533364	2	6.8433364	2	6.8533291	2	6.8533364	2
7.0000000	2	6.9900000	2	6.9999929	2	7.0000000	2
7.0000071	2	6.9900071	2	7.0000000	2	7.0000071	2
7.0100000	2	7.0000000	2	7.0099929	2	7.0100000	2
7.0403616	2	7.0303616	2	7.0403545	2	7.0403616	2
7.0552181	2	7.0452181	2	7.0552110	2	7.0552181	2
7.1331781	2	7.1231781	2	7.1331711	2	7.1331781	2
7.1359582	2	7.1259582	2	7.1359512	2	7.1359582	2
7.4024483	2	7.3924483	2	7.4024415	2	7.4024483	2
7.4466191	2	7.4366191	2	7.4466123	2	7.4466191	2
7.5000000	2	7.4900000	2	7.4999933	2	7.5000000	2
7.5000067	2	7.4900067	2	7.5000000	2	7.5000067	2
7.5100000	2	7.5000000	2	7.5099933	2	7.5100000	2
7.5819547	2	7.5719547	2	7.5819481	2	7.5819547	2
7.6270573	2	7.6170573	2	7.6270507	2	7.6270573	2
7.6622614	2	7.6522614	2	7.6622549	2	7.6622614	2
7.8380201	2	7.8280201	2	7.8380137	2	7.8380201	2
7.9135492	2	7.9035492	2	7.9135429	2	7.9135492	2
8.0000000	2	7.9900000	2	7.9999937	2	8.0000000	2
8.0000063	2	7.9900063	2	8.0000000	2	8.0000063	2
8.0100000	2	8.0000000	2	8.0099938	2	8.0100000	2
8.0874175	2	8.0774175	2	8.0874175	2	8.0874175	2
8.1570994	2	8.1470994	2	8.1570933	2	8.1570994	2
8.2137530	2	8.2037530	2	8.2137469	2	8.2137530	2
9.9999858	-1	9.9999858	-1	9.9999917	-1	9.9999858	-1
9.9999861	-1	9.9999861	-1	6.0000000	-1	9.9999861	-1
9.9999861	-1	9.9999861	-1	6.0000000	-1	9.9999861	-1
9.9999862	-1	9.9999862	-1	6.0000000	-1	9.9999862	-1
9.9999864	-1	9.9999864	-1	6.0655585	-1	9.9999864	-1
9.9999865	-1	9.9999865	-1	6.0977943	-1	9.9999865	-1
9.9999872	-1	9.9999872	-1	6.2562049	-1	9.9999872	-1
9.9999873	-1	9.9999873	-1	6.2724161	-1	9.9999873	-1
9.9999877	-1	9.9999877	-1	6.3847984	-1	9.9999877	-1
9.9999880	-1	9.9999880	-1	6.4536583	-1	9.9999880	-1
9.9999882	-1	9.9999882	-1	6.4999923	-1	9.9999882	-1
9.9999882	-1	9.9999882	-1	6.5000000	-1	9.9999882	-1
9.9999884	-1	9.9999884	-1	6.5615631	-1	9.9999884	-1
9.9999887	-1	9.9999887	-1	6.6638096	-1	9.9999887	-1
9.9999890	-1	9.9999890	-1	6.7395094	-1	9.9999890	-1
9.9999894	-1	9.9999894	-1	6.8533291	-1	9.9999894	-1
9.9999898	-1	9.9999898	-1	6.9999929	-1	9.9999898	-1
9.9999898	-1	9.9999898	-1	7.0000000	-1	9.9999898	-1
9.9999898	-1	9.9999898	-1	7.0099929	-1	9.9999898	-1
9.9999899	-1	9.9999899	-1	7.0403545	-1	9.9999899	-1
9.9999900	-1	9.9999900	-1	7.0552110	-1	9.9999900	-1
9.9999902	-1	9.9999902	-1	7.1331711	-1	9.9999902	-1
9.9999902	-1	9.9999902	-1	7.1359512	-1	9.9999902	-1
9.9999909	-1	9.9999909	-1	7.4024415	-1	9.9999909	-1
9.9999910	-1	9.9999910	-1	7.4466123	-1	9.9999910	-1
9.9999911	-1	9.9999911	-1	7.4999933	-1	9.9999911	-1
9.9999911	-1	9.9999911	-1	7.5000000	-1	9.9999911	-1
9.9999911	-1	9.9999911	-1	7.5099933	-1	9.9999911	-1
9.9999913	-1	9.9999913	-1	7.5819481	-1	9.9999913	-1
9.9999914	-1	9.9999914	-1	7.6270507	-1	9.9999914	-1
9.9999915	-1	9.9999915	-1	7.6622549	-1	9.9999915	-1
9.9999919	-1	9.9999919	-1	7.8380137	-1	9.9999919	-1
9.9999920	-1	9.9999920	-1	7.9135429	-1	9.9999920	-1
9.9999922	-1	9.9999922	-1	7.9999937	-1	9.9999922	-1
9.9999922	-1	9.9999922	-1	8.0000000	-1	9.9999922	-1
9.9999922	-1	9.9999922	-1	8.0099938	-1	9.9999922	-1
9.9999924	-1	9.9999924	-1	8.0874175	-1	9.9999924	-1
9.9999925	-1	9.9999925	-1	8.1570933	-1	9.9999925	-1
9.9999926	-1	9.9999926	-1	8.2137469	-1	9.9999926	-1

V	V*	H _P	λ	p*	E*	W*	β
4.2000000	1.7302784	1.4026706	2.9482331	8.2294150	8.2194211	8.2294211	9.9999926
4.2699398	1.7883135	1.4259999	2.9000000	8.3662876	8.3562936	8.3662936	9.9999929
4.2838856	1.8000000	1.4306518	2.8905705	8.3935797	8.3835857	8.3935857	9.9999929
4.3382617	1.8459304	1.4487897	2.8543824	8.4999941	8.4900000	8.5000000	9.9999931
4.3382648	1.8459329	1.4487907	2.8543805	8.5000000	8.4900009	8.5000009	9.9999931
4.3433716	1.8502763	1.4504941	2.8510283	8.5099941	8.5000000	8.5100000	9.9999931
4.4000000	1.8987809	1.4693833	2.8143778	8.6208163	8.6108221	8.6208221	9.9999933
4.4014140	1.9000000	1.4698550	2.8134747	8.6235834	8.6135892	8.6235892	9.9999933
4.4226199	1.9183311	1.4769285	2.8000000	8.6650836	8.6550894	8.6650894	9.9999933
4.4917866	1.9787328	1.5000000	2.7569332	8.8004431	8.7904488	8.8004488	9.9999935
4.5158880	2.0000000	1.5080394	2.7422360	8.8476099	8.8376155	8.8476155	9.9999936
4.5866097	2.0630612	1.5316296	2.7000000	8.9860126	8.9760182	8.9860182	9.9999938
4.5937542	2.0694863	1.5340127	2.6958054	8.9999944	8.9900000	9.0000000	9.9999938
4.5937570	2.0694888	1.5340137	2.6958038	9.0000000	8.99000056	9.00000056	9.9999938
4.5988640	2.0740877	1.5357172	2.69280134	9.0009944	9.0000000	9.0100000	9.9999938
4.6000000	2.0751113	1.5360961	2.6921492	9.0122175	9.0022231	9.0122231	9.9999938
4.6275343	2.1000000	1.5452805	2.6761483	9.0661023	9.0561078	9.0661078	9.9999939
4.7365525	2.2000000	1.5816450	2.6146194	9.2794515	9.2694569	9.2794569	9.9999942
4.7632141	2.2248101	1.5905384	2.6000000	9.3316285	9.3216338	9.3316338	9.9999943
4.7915793	2.2513582	1.6000000	2.5846249	9.3871393	9.3771447	9.3871447	9.9999943
4.8000000	2.2592698	1.6028089	2.5800955	9.4036188	9.3936241	9.4036241	9.9999943
4.8431199	2.3000000	1.6171921	2.5571482	9.4880046	9.4780098	9.4880098	9.9999944
4.8492466	2.3058168	1.6192357	2.5539208	9.4999947	9.4900000	9.5000000	9.9999945
4.8492493	2.3058193	1.6192366	2.5539194	9.5000000	9.4900053	9.5000053	9.9999945
4.8543565	2.3106737	1.6209402	2.5512353	9.5099947	9.5000000	9.5100000	9.9999945
4.9473947	2.4000000	1.6519744	2.5033075	9.6920710	9.6820762	9.6920762	9.9999947
4.9539468	2.4063546	1.6541599	2.5000000	9.7048936	9.6948988	9.7048988	9.9999947
5.0000000	2.4512563	1.6695216	2.4769969	9.7950200	9.7850251	9.7950251	9.9999948
5.0495188	2.5000000	1.6860393	2.4527304	9.8919286	9.8819336	9.8919336	9.9999949
5.0913720	2.5415723	1.7000000	2.4325881	9.9738356	9.9638406	9.9738406	9.9999950
5.1047391	2.5549219	1.7044588	2.4262246	9.9999950	9.9900000	1.0000000	9.9999950
5.1047416	2.5549245	1.7044596	2.4262234	1.0000000	9.9900050	1.0000005	9.9999950
5.1098489	2.5600343	1.7061632	2.4238008	1.0009995	1.0000000	1.0010000	9.9999950
5.1496201	2.6000000	1.7194294	2.4051000	1.0087827	1.0077832	1.0087832	9.9999951
5.1605740	2.6110618	1.7230833	2.4000000	1.0109264	1.0099269	1.0109269	9.9999951
5.2478141	2.7000000	1.7521834	2.3601409	1.0279994	1.0269999	1.0279999	9.9999953
5.3442060	2.8000000	1.7843363	2.3176124	1.0468633	1.0458638	1.0468638	9.9999954
5.3851687	2.8430465	1.7979999	2.3000000	1.0548797	1.0538802	1.0548802	9.9999955
5.3911648	2.8493752	1.8000000	2.2974443	1.0560532	1.0550536	1.0560536	9.9999955
5.4388914	2.9000000	1.8159199	2.2773030	1.0655393	1.0643938	1.0655393	9.9999956

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β
5.5000000	8	1.8363035	2.2520242	1.0773523	1.0763528	1.0773528	9.9999957
5.5319579	8	1.8469635	2.2390263	1.0836065	1.0826069	1.0836069	9.9999957
5.6157240	8	1.8749048	2.2056585	1.1099995	1.0990000	1.1000000	9.9999959
5.6157263	8	1.8749056	2.2056576	1.1000000	1.0990005	1.1000005	9.9999959
5.6208338	8	1.8766093	2.2036552	1.1100995	1.1100000	1.1010000	9.9999959
5.6301811	8	1.8797272	2.2000000	1.1028288	1.1018293	1.1028293	9.9999959
5.6909575	8	1.9000000	2.1765262	1.1147228	1.1137232	1.1147232	9.9999960
5.7135490	8	1.9075357	2.1679279	1.1191440	1.1181444	1.1191444	9.9999960
5.8895487	8	1.9662428	2.1031990	1.1535872	1.1525876	1.1535876	9.9999962
5.8985281	8	1.9692380	2.1000000	1.1553445	1.1543449	1.1553449	9.9999963
5.9907503	8	2.0000000	2.0676999	1.1733924	1.1723928	1.1733928	9.9999964
6.0000000	8	2.0030854	2.0645150	1.1752026	1.1742030	1.1752030	9.9999964
6.0604436	8	2.0232471	2.0439420	1.1870314	1.1860318	1.1870318	9.9999964
6.1267089	8	2.0453508	2.0218535	1.1999996	1.1990000	1.2000000	9.9999965
6.1267110	8	2.0453515	2.0218528	1.2000000	1.1990004	1.2000004	9.9999965
6.1318187	8	2.0470553	2.0201701	1.2009996	1.2000000	1.2010000	9.9999965
6.1937098	8	2.0676999	2.0000000	1.2131117	1.2121121	1.2131121	9.9999966
6.2266538	8	2.0786888	1.9894271	1.2195589	1.2185593	1.2195593	9.9999966
6.2905431	8	2.1000000	1.9692380	1.2320620	1.2310624	1.2320624	9.9999967
6.3885446	8	2.1326897	1.9390536	1.2512410	1.2502414	1.2512414	9.9999968
6.5000000	8	2.1698672	1.9058308	1.2730529	1.2720533	1.2730533	9.9999969
6.5199632	8	2.1765262	1.9000000	1.2769597	1.2759601	1.2769601	9.9999969
6.5464363	8	2.1853567	1.8923226	1.2821405	1.2811409	1.2821409	9.9999970
6.5903359	8	2.2000000	1.8797272	1.2907317	1.2897320	1.2907320	9.9999970
6.6376938	8	2.2157969	1.8663262	1.2999996	1.2990000	1.3000000	9.9999970
6.6376957	8	2.2157975	1.8663257	1.3000000	1.2990004	1.3000004	9.9999970
6.6428036	8	2.2175013	1.8648917	1.3009996	1.3000000	1.3010000	9.9999970
6.7006113	8	2.2367839	1.8488151	1.3123126	1.3113130	1.3123130	9.9999971
6.8513204	8	2.2870550	1.8081768	1.3418065	1.3408068	1.3418068	9.9999972
6.8824671	8	2.2974443	1.8000000	1.3479019	1.3469023	1.3479023	9.9999972
6.8901287	8	2.3000000	1.7979999	1.3494013	1.3484017	1.3494017	9.9999973
6.9987873	8	2.3362446	1.7701057	1.3706658	1.3696662	1.3706662	9.9999973
7.0000000	8	2.3366491	1.7697993	1.3709031	1.3699035	1.3709035	9.9999973
7.1432127	8	2.3844196	1.7343423	1.3989300	1.3979303	1.3989303	9.9999974
7.1486787	8	2.3862429	1.7330172	1.3999996	1.3990000	1.4000000	9.9999974
7.1486805	8	2.3862435	1.7330167	1.4000000	1.3990004	1.4000004	9.9999974
7.1537885	8	2.3879473	1.7317802	1.4009996	1.4000000	1.4010000	9.9999974
7.1899216	8	2.4000000	1.7230833	1.4080709	1.4070713	1.4080713	9.9999975
7.2876185	8	2.4325881	1.7000000	1.4271902	1.4261906	1.4271906	9.9999975
7.4897144	8	2.5000000	1.6541599	1.4667405	1.4657409	1.4667409	9.9999977

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β								
7.4921139	8	5.5000000	11	2.5008004	6	1.6536305	-13	1.4672101	3	1.4662105	3	1.4672105	3	9.9999977	-1
7.5000000	8	5.5115766	11	2.5034309	6	1.6518929	-13	1.4687534	3	1.4677538	3	1.4687538	3	9.9999977	-1
7.6596636	8	5.7485775	11	2.5566889	6	1.6174826	-13	1.4999997	3	1.4990000	3	1.5000000	3	9.9999978	-1
7.6596653	8	5.7485801	11	2.5566894	6	1.6174823	-13	1.5000000	3	1.4990003	3	1.5000003	3	9.9999978	-1
7.6647734	8	5.7562448	11	2.5583933	6	1.6164050	-13	1.5009997	3	1.5000000	3	1.5010000	3	9.9999978	-1
7.7434138	8	5.8748891	11	2.5846249	6	1.6000000	-13	1.5163896	3	1.5153900	3	1.5163900	3	9.9999978	-1
7.7895072	8	5.9449927	11	2.6000000	6	1.5905384	-13	1.5254101	3	1.5244105	3	1.5254105	3	9.9999978	-1
7.8254849	8	6.0000000	11	2.6120008	6	1.5832307	-13	1.5324510	3	1.5314513	3	1.5324513	3	9.9999979	-1
8.0000000	8	6.2704161	11	2.6702127	6	1.5487155	-13	1.5666037	3	1.5656040	3	1.5666040	3	9.9999980	-1
8.0893001	8	6.4110942	11	2.7000000	6	1.5316296	-13	1.5840798	3	1.5830801	3	1.5840801	3	9.9999980	-1
8.1452314	8	6.5000000	11	2.7186567	6	1.5211188	-13	1.5950256	3	1.5940259	3	1.5950259	3	9.9999980	-1
8.1706484	8	6.5406041	11	2.7271349	6	1.5163899	-13	1.5999997	3	1.5990000	3	1.6000000	3	9.9999980	-1
8.1706500	8	6.5406066	11	2.7271354	6	1.5163896	-13	1.6000000	3	1.5990003	3	1.6000003	3	9.9999980	-1
8.1757583	8	6.5487824	11	2.7288393	6	1.5154428	-13	1.6009997	3	1.6000000	3	1.6010000	3	9.9999980	-1
8.2599818	8	6.6843183	11	2.7569332	6	1.5000000	-13	1.6174823	3	1.6164826	3	1.6174826	3	9.9999981	-1
8.3890929	8	6.8947844	11	2.8000000	6	1.4769285	-13	1.6427494	3	1.6417497	3	1.6427497	3	9.9999981	-1
8.4528989	8	7.0000000	11	2.8212833	6	1.4657868	-13	1.6552362	3	1.6542365	3	1.6552365	3	9.9999982	-1
8.5000000	8	7.0781806	11	2.8369946	6	1.4576693	-13	1.6644540	3	1.6634543	3	1.6644543	3	9.9999982	-1
8.6816333	8	7.3837292	11	2.8975809	6	1.4271905	-13	1.6999997	3	1.6990000	3	1.7000000	3	9.9999983	-1
8.6816348	8	7.3837317	11	2.8975814	6	1.4271902	-13	1.7000000	3	1.6990003	3	1.7000003	3	9.9999983	-1
8.6867432	8	7.3924185	11	2.8992853	6	1.4263515	-13	1.7009997	3	1.7000000	3	1.7010000	3	9.9999983	-1
8.6888858	8	7.3960634	11	2.9000000	6	1.4259999	-13	1.7014190	3	1.7004193	3	1.7014193	3	9.9999983	-1
8.7497608	8	7.5000000	11	2.9203057	6	1.4160846	-13	1.7133323	3	1.7123326	3	1.7133326	3	9.9999983	-1
8.8503452	8	7.6733246	11	2.9538570	6	1.4000000	-13	1.7330167	3	1.7320170	3	1.7330170	3	9.9999983	-1
8.9886786	8	7.9149311	11	3.0000000	6	1.3784666	-13	1.7600886	3	1.7590889	3	1.7600889	3	9.9999984	-1
9.0000000	8	7.9348703	11	3.0037764	6	1.3767336	-13	1.7623042	3	1.7613045	3	1.7623045	3	9.9999984	-1
9.0368816	8	8.0000000	11	3.0160788	6	1.3711180	-13	1.7695220	3	1.7685223	3	1.7695223	3	9.9999984	-1
9.1926182	8	8.2779527	11	3.0680268	6	1.3479021	-13	1.7999997	3	1.7990000	3	1.8000000	3	9.9999985	-1
9.1926197	8	8.2779553	11	3.0680273	6	1.3479019	-13	1.8000000	3	1.7990003	3	1.8000003	3	9.9999985	-1
9.1977281	8	8.2871530	11	3.0697313	6	1.3471537	-13	1.8009997	3	1.8000000	3	1.8010000	3	9.9999985	-1
9.3151615	8	8.5000000	11	3.1089028	6	1.3301798	-13	1.8239815	3	1.8229818	3	1.8239818	3	9.9999985	-1
9.5000000	8	8.8404851	11	3.1705582	6	1.3043128	-13	1.8601545	3	1.8591548	3	1.8601548	3	9.9999986	-1
9.5153339	8	8.8992403	11	3.1810768	6	1.3000000	-13	1.8663257	3	1.8653260	3	1.8663260	3	9.9999986	-1
9.5853702	8	9.0000000	11	3.1990346	6	1.2927024	-13	1.8768615	3	1.8758618	3	1.8768618	3	9.9999986	-1
9.5882643	8	9.0054327	11	3.2000000	6	1.2923124	-13	1.8774279	3	1.8764281	3	1.8774281	3	9.9999986	-1
9.7036031	8	9.23232748	11	3.2384728	6	1.2769599	-13	1.8999997	3	1.8990000	3	1.9000000	3	9.9999986	-1
9.7036045	8	9.23232773	11	3.2384733	6	1.2769597	-13	1.9000000	3	1.8990003	3	1.9000003	3	9.9999986	-1
9.7087130	8	9.2329860	11	3.2401773	6	1.2762881	-13	1.9009997	3	1.9000000	3	1.9010000	3	9.9999986	-1
9.8481716	8	9.5000000	11	3.2866956	6	1.2582242	-13	1.9282919	3	1.9272921	3	1.9282921	3	9.9999987	-1
1.0000000	9	9.7950251	11	3.3373401	6	1.2391305	-13	1.9580048	3	1.9570050	3	1.9580050	3	9.9999987	-1

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β
1.0104144	1.0000000	3.3720786	1.2263652	1.9783857	1.9773860	1.9783860	9.9999987
1.0187850	1.0166289	3.4000000	1.2162941	1.9947671	1.9937674	1.9947674	9.9999987
1.0214588	1.0219695	3.4089182	1.2131119	1.9999997	1.9999997	2.0000000	9.9999987
1.0214589	1.0219698	3.4089192	1.2131117	2.0000000	1.9990003	2.0000003	9.9999987
1.0219698	1.0229918	3.4106233	1.2125056	2.0009997	2.0000000	2.0010000	9.9999987
1.0326254	1.0444247	3.4461665	1.2000000	2.0218528	2.0208531	2.0218531	9.9999988
1.0597564	1.1000000	3.5366658	1.1692933	2.0749484	2.0739487	2.0749487	9.9999988
1.0725573	1.1267214	3.5793648	1.1553446	2.0999998	2.0999998	2.1000000	9.9999989
1.0725574	1.1267217	3.5793652	1.1553445	2.1000000	2.0990002	2.1000002	9.9999989
1.0730683	1.1277948	3.5810693	1.1547947	2.1009998	2.1000000	2.1010000	9.9999989
1.0787436	1.1397501	3.6000000	1.1487222	2.1121064	2.1111066	2.1121066	9.9999989
1.1000000	1.1850880	3.6709037	1.1265345	2.1537053	2.1527055	2.1537055	9.9999989
1.1069022	1.2000000	3.6939270	1.1195131	2.1672130	2.1662132	2.1672132	9.9999989
1.1236558	1.2365832	3.7498108	1.1028289	2.1999998	2.1990000	2.2000000	9.9999990
1.1236559	1.2365834	3.7498112	1.1028288	2.2000000	2.1990002	2.2000002	9.9999990
1.1241668	1.2377076	3.7515152	1.1023279	2.2009998	2.2000000	2.2010000	9.9999990
1.1265469	1.2429517	3.7594544	1.1000000	2.2056576	2.2046579	2.2056579	9.9999990
1.1387021	1.2699067	3.8000000	1.0882631	2.2294456	2.2284458	2.2294458	9.9999990
1.1521212	1.1521212	3.8447611	1.0755934	2.2557068	2.2547070	2.2557070	9.9999990
1.1747543	1.3515548	3.9202568	1.0548798	2.2999998	2.2990000	2.3000000	9.9999991
1.1747544	1.3515550	3.9202571	1.0548797	2.3000000	2.2990002	2.3000002	9.9999991
1.1752653	1.3527303	3.9219612	1.0544214	2.3009998	2.3000000	2.3010000	9.9999991
1.1956320	1.4000000	3.9898972	1.0364678	2.3408575	2.3398578	2.3408578	9.9999991
1.1986607	1.4070989	4.0000000	1.0338500	2.3467848	2.3457850	2.3467850	9.9999991
1.2000000	1.4102436	4.0044673	1.0326966	2.3494058	2.3484060	2.3494060	9.9999991
1.2258528	1.4716362	4.0907027	1.0109265	2.3999998	2.3990000	2.4000000	9.9999991
1.2258529	1.4716365	4.0907031	1.0109264	2.4000000	2.3990002	2.4000002	9.9999991
1.2263637	1.4728629	4.0924072	1.0105055	2.4009998	2.4000000	2.4010000	9.9999991
1.2376146	1.5000000	4.1299359	1.0013230	2.4230178	2.4220180	2.4230180	9.9999991
1.2392526	1.5039716	4.1135398	1.0000000	2.4262234	2.4252236	2.4262236	9.9999991
1.2586193	1.5513265	4.2000000	9.8461901	2.4641241	2.4631243	2.4641243	9.9999992
1.2769512	1.5968275	4.2611487	9.7048944	2.4999998	2.4990000	2.5000000	9.9999992
1.2769514	1.5968278	4.2611491	9.7048936	2.5000000	2.4990002	2.5000002	9.9999992
1.2774622	1.5981053	4.2628532	9.7010140	2.5009998	2.5000000	2.5010000	9.9999992
1.2782196	1.6000000	4.2653795	9.6952682	2.5024820	2.5014822	2.5024822	9.9999992
1.3000000	1.6549692	4.3380310	9.5328960	2.5451063	2.5441065	2.5451065	9.9999992
1.3045033	1.6664505	4.3530524	9.5000000	2.5539194	2.5529196	2.5539196	9.9999992
1.3175743	1.7000000	4.3966525	9.4057918	2.5794994	2.5784996	2.5794996	9.9999992
1.3185779	1.7025896	4.4000000	9.3986360	2.5814633	2.5804635	2.5814635	9.9999992
1.3280497	1.7271287	4.4315947	9.33316292	2.5999998	2.5990000	2.6000000	9.9999993

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β
1.3280498	9	4.4315950	6	9.3316285	-14	2.6000000	3
1.3285607	9	4.4332992	6	9.3280415	-14	2.6009998	3
1.33557876	9	4.5241181	6	9.1407865	-14	2.6542832	3
1.3770041	9	4.5948887	6	9.0000000	-14	2.6958040	3
1.3785364	9	4.6000000	6	8.9899996	-14	2.6978027	3
1.3791482	9	4.6020407	6	8.9860132	-14	2.6990000	3
1.3791483	9	4.6020410	6	8.9860126	-14	2.6990002	3
1.3796592	9	4.6037451	6	8.9826863	-14	2.7000000	3
1.3929534	9	4.6480895	6	8.8969883	-14	2.7260167	3
1.4000000	9	4.6715946	6	8.8522232	-14	2.7398070	3
1.4291533	9	4.7688392	6	8.6717115	-14	2.7968601	3
1.4302467	9	4.7724866	6	8.6650841	-14	2.7999000	3
1.4302468	9	4.7724869	6	8.6650836	-14	2.7999002	3
1.4307577	9	4.7741911	6	8.6619906	-14	2.8000000	3
1.4384950	9	4.8000000	6	8.6154163	-14	2.8161418	3
1.4580344	9	4.8651763	6	8.5000000	-14	2.8543805	3
1.4644589	9	4.8866061	6	8.4627239	-14	2.8669533	3
1.4813452	9	4.9429326	6	8.3662881	-14	2.8999998	3
1.4813453	9	4.9429329	6	8.3662876	-14	2.9000000	3
1.4818562	9	4.9446371	6	8.3634042	-14	2.9009998	3
1.4984536	9	5.0000000	6	8.2707997	-14	2.9334810	3
1.4989335	9	5.0016008	6	8.2681525	-14	2.9334204	3
1.5000000	9	5.0051582	6	8.2622759	-14	2.9365074	3
1.5324437	9	5.1133786	6	8.0874118	-14	2.9999998	3
1.5324438	9	5.1133789	6	8.0874113	-14	3.0000000	3
1.5326331	9	5.1140104	6	8.0864127	-14	3.0003705	3
1.5329547	9	5.1150830	6	8.0847169	-14	3.0009998	3
1.5491935	9	5.1692498	6	8.0000000	-14	3.0327793	3
1.5656077	9	5.2240017	6	7.9161534	-14	3.0649020	3
1.5979022	9	5.3317244	6	7.7562146	-14	3.1281025	3
1.6000000	9	5.3387218	6	7.7460485	-14	3.1322079	3
1.6295570	9	5.4373133	6	7.6055941	-14	3.1900511	3
1.6346407	9	5.4542705	6	7.5819485	-14	3.1999998	3
1.6346408	9	5.4542708	6	7.5819481	-14	3.2000000	3
1.6355157	9	5.4559750	6	7.5795799	-14	3.2009998	3
1.6483500	9	5.5000000	6	7.5189088	-14	3.2268291	3
1.6525071	9	5.5138664	6	7.5000000	-14	3.2349645	3
1.6606087	9	5.5408905	6	7.4634210	-14	3.2508194	3
1.6910905	9	5.6425667	6	7.3289339	-14	3.3104725	3
1.7000000	9	5.6722855	6	7.2905355	-14	3.3279084	3
1.3280498	9	1.7271289	12	1.7284575	12	2.5990002	3
1.3285607	9	1.7284575	12	1.8000000	12	2.6000000	3
1.33557876	9	1.8567551	12	1.8567551	12	2.6542832	3
1.3770041	9	1.8608882	12	1.8608882	12	2.6958040	3
1.3785364	9	1.8625397	12	1.8625397	12	2.6978027	3
1.3791482	9	1.8625399	12	1.8625399	12	2.6990000	3
1.3791483	9	1.8639196	12	1.8639196	12	2.6990002	3
1.3796592	9	1.9000000	12	1.9000000	12	2.7260167	3
1.3929534	9	1.9192649	12	1.9192649	12	2.7398070	3
1.4000000	9	2.0000000	12	2.0000000	12	2.7968601	3
1.4291533	9	2.0030605	12	2.0030605	12	2.7999000	3
1.4302467	9	2.0030608	12	2.0030608	12	2.7999002	3
1.4302468	9	2.0044915	12	2.0044915	12	2.8000000	3
1.4307577	9	2.0262224	12	2.0262224	12	2.8161418	3
1.4580344	9	2.0816216	12	2.0816216	12	2.8543806	3
1.4644589	9	2.1000000	12	2.1000000	12	2.8669534	3
1.4813452	9	2.1486912	12	2.1486912	12	2.8990000	3
1.4813453	9	2.1486915	12	2.1486915	12	2.8990002	3
1.4818562	9	2.1501733	12	2.1501733	12	2.9000000	3
1.4984536	9	2.1985920	12	2.1985920	12	2.9334812	3
1.4989335	9	2.2000000	12	2.2000000	12	2.9334204	3
1.5000000	9	2.2031306	12	2.2031306	12	2.9365075	3
1.5324437	9	2.2994318	12	2.2994318	12	2.9990000	3
1.5324438	9	2.2994320	12	2.2994320	12	2.9990002	3
1.5326331	9	2.3000000	12	2.3000000	12	3.0000000	3
1.5329547	9	2.3009650	12	2.3009650	12	3.0000000	3
1.5491935	9	2.3499557	12	2.3499557	12	3.0317794	3
1.5656077	9	2.4000000	12	2.4000000	12	3.0649021	3
1.5979022	9	2.5000000	12	2.5000000	12	3.1271026	3
1.6000000	9	2.5065664	12	2.5065664	12	3.1322080	3
1.6295570	9	2.6000000	12	2.6000000	12	3.1900513	3
1.6346407	9	2.6162424	12	2.6162424	12	3.2000000	3
1.6346408	9	2.6162427	12	2.6162427	12	3.2000002	3
1.6355157	9	2.6178778	12	2.6178778	12	3.2010000	3
1.6483500	9	2.6602963	12	2.6602963	12	3.2258293	3
1.6525071	9	2.6737273	12	2.6737273	12	3.2349647	3
1.6606087	9	2.7000000	12	2.7000000	12	3.2508196	3
1.6910905	9	2.8000000	12	2.8000000	12	3.3104726	3
1.7000000	9	2.8295723	12	2.8295723	12	3.3279085	3

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β					
1.7210327	9	5.7424429	6	7.2014644	-14	3.3690695	3	3.3680696	3	3.3690696	-	1
1.7368377	9	5.7951625	6	7.1359515	-14	3.3999999	3	3.3990000	3	3.4000000	-	1
1.7368377	9	5.7951627	6	7.1359512	-14	3.4000000	3	3.3990001	3	3.4000001	-	1
1.7373486	9	5.7968669	6	7.1338533	-14	3.4009999	3	3.4000000	3	3.4010000	-	1
1.7504629	9	5.8406114	6	7.0804228	-14	3.4266646	3	3.4256647	3	3.4266647	-	1
1.7705798	9	5.9077140	6	7.0000000	-14	3.4660334	3	3.4650336	3	3.4660336	-	1
1.7982465	9	6.0000000	6	6.8923330	-14	3.5201773	3	3.5191774	3	3.5201774	-	1
1.8000000	9	6.0058491	6	6.8856206	-14	3.5236089	3	3.5226090	3	3.5236090	-	1
1.8078871	9	6.0321575	6	6.8555899	-14	3.5390440	3	3.5380441	3	3.5390441	-	1
1.8390346	9	6.1360544	6	6.7395097	-14	3.5999999	3	3.5990000	3	3.6000000	-	1
1.8390347	9	6.1360546	6	6.7395094	-14	3.6000000	3	3.5990001	3	3.6000001	-	1
1.8395456	9	6.1377589	6	6.7376381	-14	3.6009999	3	3.6000000	3	3.6010000	-	1
1.8635431	9	6.2178057	6	6.6508991	-14	3.6479630	3	3.6469631	3	3.6479631	-	1
1.9000000	9	6.3394127	6	6.5233169	-14	3.7193094	3	3.7183095	3	3.7193095	-	1
1.9068176	9	6.3621536	6	6.5000000	-14	3.7326514	3	3.7316515	3	3.7326515	-	1
1.9175848	9	6.3980692	6	6.4635122	-14	3.7537230	3	3.7527231	3	3.7537231	-	1
1.9412316	9	6.4769463	6	6.3847986	-14	3.7999999	3	3.7990000	3	3.8000000	-	1
1.9412317	9	6.4769466	6	6.3847984	-14	3.8000000	3	3.7990001	3	3.8000001	-	1
1.9417426	9	6.4786508	6	6.3831189	-14	3.8009999	3	3.8000000	3	3.8010000	-	1
1.9481429	9	6.5000000	6	6.3621536	-14	3.8135254	3	3.8125255	3	3.8135255	-	1
1.9701451	9	6.5733913	6	6.2911208	-14	3.8565837	3	3.8555839	3	3.8565839	-	1
2.0000000	9	6.6729763	6	6.1972344	-14	3.9150099	3	3.9140100	3	3.9150100	-	1
2.0213395	9	6.7441571	6	6.1318260	-14	3.9567714	3	3.9557716	3	3.9567716	-	1
2.0434286	9	6.8178383	6	6.0655587	-14	3.9999999	3	3.9990000	3	4.0000000	-	1
2.0434287	9	6.8178385	6	6.0655585	-14	4.0000000	3	3.9990001	3	4.0000001	-	1
2.0439396	9	6.8195427	6	6.0640427	-14	4.0009999	3	4.0000000	3	4.0010000	-	1
2.0657616	9	6.8923330	6	6.0000000	-14	4.0437057	3	4.0427058	3	4.0437058	-	1
2.0712693	9	6.9107046	6	5.9840495	-14	4.0544842	3	4.0534843	3	4.0544843	-	1
2.0980394	9	7.0000000	6	5.9077140	-14	4.1068735	3	4.1058736	3	4.1068736	-	1
2.1000000	9	7.0065399	6	5.9021998	-14	4.1107104	3	4.1097105	3	4.1107105	-	1
2.1200237	9	7.0733317	6	5.8464667	-14	4.1498969	3	4.1488970	3	4.1498970	-	1
2.1456256	9	7.1587302	6	5.7767225	-14	4.1999999	3	4.1990000	3	4.2000000	-	1
2.1456256	9	7.1587304	6	5.7767224	-14	4.2000000	3	4.1990001	3	4.2000001	-	1
2.1461366	9	7.1604347	6	5.7753475	-14	4.2009999	3	4.2000000	3	4.2010000	-	1
2.1676821	9	7.2323028	6	5.7179573	-14	4.2431646	3	4.2421648	3	4.2431648	-	1
2.2000000	9	7.3401035	6	5.6339802	-14	4.3064109	3	4.3054110	3	4.3064110	-	1
2.2143152	9	7.3878540	6	5.5975657	-14	4.3344259	3	4.3334260	3	4.3344260	-	1
2.2478225	9	7.4996221	6	5.5141442	-14	4.3999999	3	4.3990000	3	4.4000000	-	1
2.2478226	9	7.4996223	6	5.5141441	-14	4.4000000	3	4.3990001	3	4.4000001	-	1
2.2479358	9	7.5000000	6	5.5138664	-14	4.4002216	3	4.3992217	3	4.4002217	-	1

V	V*	H _P	λ	p*	E*	W*	β								
2.2483335	9	4.9485821	12	7.5013266	6	5.5128913	-14	4.4009999	3	4.4000000	3	4.4010000	3	9.9999997	-1
2.2536045	9	4.9718070	12	7.5189088	6	5.5000000	-14	4.4113153	3	4.4103154	3	4.4113154	3	9.9999997	-1
2.2599866	9	5.0000000	12	7.5401969	6	5.4844719	-14	4.4238049	3	4.4228051	3	4.4238051	3	9.9999997	-1
2.3000000	9	5.1785783	12	7.6736672	6	5.3890790	-14	4.5021114	3	4.5011115	3	4.5021115	3	9.9999997	-1
2.3500195	9	5.4062199	12	7.8405141	6	5.2743988	-14	4.5999999	3	4.5990000	3	4.6000000	3	9.9999998	-1
2.3500196	9	5.4062202	12	7.8405143	6	5.2743987	-14	4.6000000	3	4.5990001	3	4.6000001	3	9.9999998	-1
2.3505305	9	5.4085707	12	7.8422185	6	5.2732525	-14	4.6009999	3	4.6000000	3	4.6010000	3	9.9999998	-1
2.3703188	9	5.5000000	12	7.9082252	6	5.2292388	-14	4.6397258	3	4.6387259	3	4.6397259	3	9.9999998	-1
2.3978323	9	5.6283955	12	8.0000000	6	5.1692498	-14	4.6935697	3	4.6925698	3	4.6935698	3	9.9999998	-1
2.4000000	9	5.6385745	12	8.0072308	6	5.1645818	-14	4.6978119	3	4.6968120	3	4.6978120	3	9.9999998	-1
2.4522165	9	5.8865457	12	8.1814060	6	5.0546322	-14	4.7999999	3	4.7990000	3	4.8000000	3	9.9999998	-1
2.4522166	9	5.8865460	12	8.1814062	6	5.0546321	-14	4.8000000	3	4.7990001	3	4.8000001	3	9.9999998	-1
2.4527275	9	5.8899987	12	8.1831105	6	5.0535794	-14	4.8009999	3	4.8000000	3	4.8010000	3	9.9999998	-1
2.4757400	9	6.0000000	12	8.2598719	6	5.0066150	-14	4.8460355	3	4.8450356	3	4.8460356	3	9.9999998	-1
2.4790161	9	6.0158865	12	8.2707997	6	5.0000000	-14	4.8524468	3	4.8514469	3	4.8524469	3	9.9999998	-1
2.5000000	9	6.1181407	12	8.3407944	6	4.9580407	-14	4.8935124	3	4.8925125	3	4.8935125	3	9.9999998	-1
2.5477287	9	6.3539308	12	8.5000000	6	4.8651763	-14	4.9869178	3	4.9859179	3	4.9869179	3	9.9999998	-1
2.5544135	9	6.3873109	12	8.5222979	6	4.8524469	-14	4.9999999	3	4.9990000	3	5.0000000	3	9.9999998	-1
2.5544135	9	6.3873112	12	8.5222981	6	4.8524468	-14	5.0000000	3	4.9990001	3	5.0000001	3	9.9999998	-1
2.5549245	9	6.3898661	12	8.5240024	6	4.8514766	-14	5.0009999	3	5.0000000	3	5.0010000	3	9.9999998	-1
2.5768528	9	6.5000000	12	8.5971472	6	4.8102001	-14	5.0439137	3	5.0429138	3	5.0439138	3	9.9999998	-1
2.5823297	9	6.5276546	12	8.6154163	6	4.8000000	-14	5.0546321	3	5.0536322	3	5.0546322	3	9.9999998	-1
2.6000000	9	6.6172770	12	8.6743580	6	4.7673843	-14	5.0892129	3	5.0882130	3	5.0892130	3	9.9999998	-1
2.6741458	9	7.0000000	12	8.9216813	6	4.6352248	-14	5.2343166	3	5.2333167	3	5.2343167	3	9.9999998	-1
2.6946271	9	7.1076163	12	8.9899996	6	4.6000000	-14	5.2743987	3	5.2733988	3	5.2743988	3	9.9999998	-1
2.6976252	9	7.1234380	12	9.0000000	6	4.5948887	-14	5.2802659	3	5.2792660	3	5.2802660	3	9.9999998	-1
2.7000000	9	7.1359833	12	9.0079216	6	4.5908479	-14	5.2849135	3	5.2839135	3	5.2849135	3	9.9999998	-1
2.7680218	9	7.5000000	12	9.2348175	6	4.4780526	-14	5.4180324	3	5.4170325	3	5.4180325	3	9.9999998	-1
2.8000000	9	7.6742597	12	9.3414852	6	4.4269190	-14	5.4806140	3	5.4796140	3	5.4806140	3	9.9999998	-1
2.8099059	9	7.7286463	12	9.3745278	6	4.4113153	-14	5.4999999	3	5.4990000	3	5.5000000	3	9.9999998	-1
2.8099060	9	7.7286465	12	9.3745279	6	4.4113153	-14	5.5000000	3	5.4990001	3	5.5000001	3	9.9999998	-1
2.8104169	9	7.7314569	12	9.3762322	6	4.4105134	-14	5.5009999	3	5.5000000	3	5.5010000	3	9.9999998	-1
2.8171334	9	7.7684484	12	9.3986360	6	4.4000000	-14	5.5141441	3	5.5131442	3	5.5141442	3	9.9999998	-1
2.8475216	9	7.9369170	12	9.5000000	6	4.3530524	-14	5.5736140	3	5.5726141	3	5.5736141	3	9.9999998	-1
2.8588174	9	8.0000000	12	9.5376785	6	4.3358558	-14	5.5957198	3	5.5947199	3	5.5957199	3	9.9999998	-1
2.9000000	9	8.2321061	12	9.6750488	6	4.2742935	-14	5.6763145	3	5.6753146	3	5.6763146	3	9.9999998	-1
2.9468172	9	8.5000000	12	9.8312140	6	4.2063980	-14	5.7679360	3	5.7669361	3	5.7679361	3	9.9999998	-1
2.9513069	9	8.5259162	12	9.8461901	6	4.2000000	-14	5.7767224	3	5.7757225	3	5.7767225	3	9.9999998	-1
2.9974781	9	8.7943679	12	1.0000000	7	4.1353998	-14	5.8669621	3	5.8659622	3	5.8669622	3	9.9999999	-1
3.0000000	9	8.8095226	12	1.0008612	7	4.1318413	-14	5.8720150	3	5.8710151	3	5.8720151	3	9.9999999	-1

V	V*	H ρ	λ	p^*	E^*	W^*	β				
3.0322647	9	1.0116236	7	4.0878840	-14	5.9351571	3	5.9351572	3	9.9999999	-1
3.0653984	9	1.0226758	7	4.0437057	-14	5.9999999	3	5.9990000	3	9.9999999	-1
3.0653984	9	1.0226758	7	4.0437057	-14	6.0000000	3	5.9990001	3	9.9999999	-1
3.0659094	9	1.0228462	7	4.0430319	-14	6.0009999	3	6.0000000	3	9.9999999	-1
3.0988978	9	1.0338500	7	4.0000000	-14	6.0655585	3	6.0645586	3	9.9999999	-1
3.1153698	9	1.0393444	7	3.9788541	-14	6.0977943	3	6.0967944	3	9.9999999	-1
3.1963153	9	1.0663449	7	3.8781073	-14	6.2562049	3	6.2552050	3	9.9999999	-1
3.2000000	9	1.0675740	7	3.8736425	-14	6.2634160	3	6.2624161	3	9.9999999	-1
3.2620246	9	1.0882631	7	3.8000000	-14	6.3847984	3	6.3837985	3	9.9999999	-1
3.2972110	9	1.1000000	7	3.7594544	-14	6.4536583	3	6.4526584	3	9.9999999	-1
3.3208908	9	1.1078987	7	3.7326514	-14	6.4999999	3	6.4990000	3	9.9999999	-1
3.3208909	9	1.1078988	7	3.7326514	-14	6.5000000	3	6.4990001	3	9.9999999	-1
3.3214018	9	1.1080692	7	3.7320773	-14	6.5009999	3	6.5000000	3	9.9999999	-1
3.3523487	9	1.1183919	7	3.6976302	-14	6.5615631	3	6.5605632	3	9.9999999	-1
3.4000000	9	1.1342867	7	3.6458154	-14	6.6548170	3	6.6538171	3	9.9999999	-1
3.4432766	9	1.1487222	7	3.6000000	-14	6.7395094	3	6.7385095	3	9.9999999	-1
3.5014367	9	1.1681223	7	3.5402114	-14	6.8533291	3	6.8523292	3	9.9999999	-1
3.5763833	9	1.1931217	7	3.4660335	-14	6.9999999	3	6.9990000	3	9.9999999	-1
3.5763833	9	1.1931217	7	3.4660334	-14	7.0000000	3	6.9990001	3	9.9999999	-1
3.5768943	9	1.1932922	7	3.4655384	-14	7.0009999	3	7.0000000	3	9.9999999	-1
3.5970039	9	1.2663890	13	1.2000000	13	7.0403545	3	7.0393546	3	9.9999999	-1
3.6000000	9	1.2684993	13	1.2009994	13	7.0462180	3	7.0452181	3	9.9999999	-1
3.6444317	9	1.2158202	7	3.4013251	-14	7.1331711	3	7.1321712	3	9.9999999	-1
3.6458523	9	1.2162941	7	3.4000000	-14	7.1359512	3	7.1349513	3	9.9999999	-1
3.7820248	9	1.2617163	7	3.2775989	-14	7.4024415	3	7.4014416	3	9.9999999	-1
3.8000000	9	1.2677121	7	3.2620969	-14	7.4376190	3	7.4366191	3	9.9999999	-1
3.8318758	9	1.2783447	7	3.2349646	-14	7.4999999	3	7.4990000	3	9.9999999	-1
3.8318758	9	1.2783447	7	3.2349645	-14	7.5000000	3	7.4990001	3	9.9999999	-1
3.8323867	9	1.2785152	7	3.2345333	-14	7.5009999	3	7.5000000	3	9.9999999	-1
3.8318757	9	1.2783447	7	3.2349646	-14	7.4999999	3	7.4990000	3	9.9999999	-1
3.8737500	9	1.2923124	7	3.2000000	-14	7.5819481	3	7.5809482	3	9.9999999	-1
3.8967967	9	1.3000000	7	3.1810768	-14	7.6270507	3	7.6260508	3	9.9999999	-1
3.9147856	9	1.3060004	7	3.1664613	-14	7.6622549	3	7.6612550	3	9.9999999	-1
4.0000000	9	1.3444248	7	3.0990129	-14	7.8290129	3	7.8280201	3	9.9999999	-1
4.0431899	9	1.3488314	7	3.0659130	-14	7.9135429	3	7.9125429	3	9.9999999	-1
4.0873682	9	1.3635677	7	3.0327793	-14	7.9999999	3	7.9990000	3	9.9999999	-1
4.0873682	9	1.3635677	7	3.0327793	-14	8.0000000	3	7.9990001	3	9.9999999	-1
4.0878791	9	1.3637381	7	3.0324002	-14	8.0009999	3	8.0000000	3	9.9999999	-1
4.1320341	9	1.3784666	7	3.0000000	-14	8.0874113	3	8.0864114	3	9.9999999	-1
4.1676405	9	1.3903436	7	2.9743725	-14	8.1570933	3	8.1560933	3	9.9999999	-1

V	V*	Hρ	λ	p*	E*	W*	β								
4.1965896	9	1.7236961	13	1.4000000	7	2.9538570	-14	8.2137469	3	8.2127470	3	8.2137470	3	9.9999999	-1
4.2000000	9	1.7264984	13	1.4011376	7	2.9514588	-14	8.2204210	3	8.2194211	3	8.2204211	3	9.9999999	-1
4.2745356	9	1.7883135	13	1.4259999	7	2.9000000	-14	8.3662876	3	8.3652877	3	8.3662877	3	9.9999999	-1
4.2884815	9	1.8000000	13	1.4306518	7	2.8905705	-14	8.3935797	3	8.3925798	3	8.3935798	3	9.9999999	-1
4.3428606	9	1.8459329	13	1.4487907	7	2.8543805	-14	8.4999999	3	8.4990000	3	8.5000000	3	9.9999999	-1
4.3428606	9	1.8459329	13	1.4487907	7	2.8543805	-14	8.5000000	3	8.4990001	3	8.5000001	3	9.9999999	-1
4.3433716	9	1.8463673	13	1.4489611	7	2.8540447	-14	8.5009999	3	8.5000000	3	8.5010000	3	9.9999999	-1
4.4000000	9	1.8948209	13	1.4678503	7	2.8173172	-14	8.6118220	3	8.6108221	3	8.6118221	3	9.9999999	-1
4.4060099	9	1.9000000	13	1.4698550	7	2.8134747	-14	8.6225834	3	8.6225835	3	8.6235835	3	9.9999999	-1
4.4272159	9	1.9183311	13	1.4769285	7	2.8000000	-14	8.6650836	3	8.6640836	3	8.6650836	3	9.9999999	-1
4.4963825	9	1.9787328	13	1.5000000	7	2.7569332	-14	8.8004431	3	8.7994432	3	8.8004432	3	9.9999999	-1
4.5204840	9	2.0000000	13	1.5080394	7	2.7422360	-14	8.8476099	3	8.8466099	3	8.8476099	3	9.9999999	-1
4.5912057	9	2.0630612	13	1.5316296	7	2.7000000	-14	8.9860126	3	8.9850127	3	8.9860127	3	9.9999999	-1
4.5983531	9	2.0694888	13	1.5340137	7	2.6958038	-14	8.9999999	3	8.9990000	3	9.0000000	3	9.9999999	-1
4.5983531	9	2.0694888	13	1.5340137	7	2.6958038	-14	9.0000000	3	8.99990001	3	9.0000001	3	9.9999999	-1
4.5988640	9	2.0699487	13	1.5341841	7	2.6955043	-14	9.0009999	3	9.0000000	3	9.0010000	3	9.9999999	-1
4.6000000	9	2.0709713	13	1.5345630	7	2.6948387	-14	9.0032230	3	9.0022231	3	9.0032231	3	9.9999999	-1
4.6321304	9	2.1000000	13	1.5452805	7	2.6761483	-14	9.0661023	3	9.0651023	3	9.0661023	3	9.9999999	-1
4.7411486	9	2.2000000	13	1.5816450	7	2.6146194	-14	9.2794515	3	9.2784516	3	9.2794516	3	9.9999999	-1
4.7678102	9	2.2248101	13	1.5905384	7	2.6000000	-14	9.3316285	3	9.3306285	3	9.3316285	3	9.9999999	-1
4.7961754	9	2.2513582	13	1.6000000	7	2.5846249	-14	9.3871393	3	9.3861394	3	9.3871394	3	9.9999999	-1
4.8000000	9	2.2549498	13	1.6012757	7	2.5825657	-14	9.3946240	3	9.3936241	3	9.3946241	3	9.9999999	-1
4.8477160	9	2.3000000	13	1.6171921	7	2.5571482	-14	9.4880046	3	9.4870046	3	9.4880046	3	9.9999999	-1
4.8538455	9	2.3058193	13	1.6192366	7	2.5539194	-14	9.4999999	3	9.4990000	3	9.5000000	3	9.9999999	-1
4.8538455	9	2.3058193	13	1.6192366	7	2.5539194	-14	9.5000000	3	9.4990001	3	9.5000001	3	9.9999999	-1
4.8543565	9	2.3063048	13	1.6194071	7	2.5536506	-14	9.5009999	3	9.5000000	3	9.5010000	3	9.9999999	-1
4.9519909	9	2.4000000	13	1.6519744	7	2.5033075	-14	9.6920710	3	9.6910711	3	9.6920711	3	9.9999999	-1
4.9585431	9	2.4063546	13	1.6541599	7	2.5000000	-14	9.7048936	3	9.7038937	3	9.7048937	3	9.9999999	-1
5.0000000	9	2.4467563	13	1.6679885	7	2.4792737	-14	9.7860250	3	9.7850251	3	9.7860251	3	9.9999999	-1
5.0541151	9	2.5000000	13	1.6860393	7	2.4527304	-14	9.8919286	3	9.8909286	3	9.8919286	3	9.9999999	-1
5.0959683	9	2.5415723	13	1.7000000	7	2.4325881	-14	9.9738356	3	9.9728356	3	9.9738356	3	9.9999999	-1
5.1093380	9	2.5549244	13	1.7044596	7	2.4262234	-14	9.9999999	3	9.9990000	3	1.0000000	4	9.9999999	-1
5.1093380	9	2.5549245	13	1.7044596	7	2.4262234	-14	1.0000000	4	9.9990001	3	1.0000000	4	9.9999999	-1
5.1098489	9	2.5554355	13	1.7046301	7	2.4259808	-14	1.0001000	4	1.0000000	4	1.0001000	4	9.9999999	-1
5.1542164	9	2.6000000	13	1.7194294	7	2.4051000	-14	1.0087827	4	1.0086827	4	1.0087827	4	9.9999999	-1
5.1651703	9	2.6110618	13	1.7230833	7	2.4000000	-14	1.0109264	4	1.0108264	4	1.0109264	4	9.9999999	-1
5.2524105	9	2.7000000	13	1.7521834	7	2.3601409	-14	1.0279994	4	1.0278994	4	1.0279994	4	9.9999999	-1
5.3488025	9	2.8000000	13	1.7843363	7	2.3176124	-14	1.0468633	4	1.0467633	4	1.0468633	4	1.0000000	0
5.3897652	9	2.8430465	13	1.7979999	7	2.3000000	-14	1.0548797	4	1.0547797	4	1.0548797	4	1.0000000	0
5.3957612	9	2.8493752	13	1.8000000	7	2.2974443	-14	1.0560532	4	1.0559532	4	1.0560532	4	1.0000000	0

V	V*	H _P	λ	p*	E*	W*	β
5.4434879	2.9000000	1.8159199	2.2773030	1.0653933	1.0652933	1.0653933	1.0000000
5.5000000	2.9605201	1.8347703	2.2539061	1.0764528	1.0763528	1.0764528	1.0000000
5.5365545	3.0000000	1.8469635	2.2390263	1.0836065	1.0835065	1.0836065	1.0000000
5.6203229	3.0914586	1.8749056	2.2056576	1.1100000	1.0999000	1.1000000	1.0000000
5.6208338	3.0920207	1.8750760	2.2054572	1.1100100	1.1000000	1.1001000	1.0000000
5.6347777	3.1073794	1.8797272	2.2000000	1.1028288	1.1027288	1.1028288	1.0000000
5.6955541	3.1747668	1.9000000	2.1765262	1.1147228	1.1146228	1.1147228	1.0000000
5.7181456	3.2000000	1.9075357	2.1679279	1.1191440	1.1190440	1.1191440	1.0000000
5.8941453	3.4000000	1.9662428	2.1031990	1.1535872	1.1534872	1.1535872	1.0000000
5.9031248	3.4103665	1.9692380	2.1000000	1.1553445	1.1552445	1.1553445	1.0000000
5.9953470	3.5177472	2.0000000	2.0676999	1.1733924	1.1732924	1.1733924	1.0000000
6.0000000	3.5232090	2.0015521	2.0600966	1.1743030	1.1742030	1.1743030	1.0000000
6.0650403	3.6000000	2.0232471	2.0439420	1.1870314	1.1869314	1.1870314	1.0000000
6.1313078	3.6790912	2.0453515	2.0218528	1.2000000	1.1999000	1.2000000	1.0000000
6.1318187	3.6797044	2.0455220	2.0216844	1.2001000	1.2000000	1.2001000	1.0000000
6.1983066	3.7599290	2.0676999	2.0000000	1.2131117	1.2130117	1.2131117	1.0000000
6.2312506	3.8000000	2.0786888	1.9894271	1.2195589	1.2194589	1.2195589	1.0000000
6.2951399	3.8783162	2.1000000	1.9692380	1.2320620	1.2319620	1.2320620	1.0000000
6.3931415	4.0000000	2.1326897	1.9390536	1.2512410	1.2511410	1.2512410	1.0000000
6.5000000	4.1348231	2.1683339	1.9071785	1.2721533	1.2720533	1.2721533	1.0000000
6.5245601	4.1661264	2.1765262	1.9000000	1.2769597	1.2768597	1.2769597	1.0000000
6.5510332	4.2000000	2.1853567	1.8923226	1.2821405	1.2820405	1.2821405	1.0000000
6.5949328	4.2564741	2.2000000	1.8797272	1.2907317	1.2906317	1.2907317	1.0000000
6.6422926	4.3178223	2.2157975	1.8663257	1.3000000	1.2999000	1.3000000	1.0000000
6.6428036	4.3184866	2.2159680	1.8661821	1.3001000	1.3000000	1.3001000	1.0000000
6.7052083	4.4000000	2.2367839	1.8488151	1.3121316	1.3121216	1.3121316	1.0000000
6.8559174	4.6000000	2.2870550	1.8081768	1.3418065	1.3417065	1.3418065	1.0000000
6.8870641	4.6418877	2.2974443	1.8000000	1.3479019	1.3478019	1.3479019	1.0000000
6.8947257	4.6522206	2.3000000	1.7979999	1.3494013	1.3493013	1.3494013	1.0000000
7.0000000	4.7953623	2.3351157	1.7709615	1.3700035	1.3699035	1.3700035	1.0000000
7.0033844	4.8000000	2.3362446	1.7701057	1.3706658	1.3705658	1.3706658	1.0000000
7.1478098	5.0000000	2.3844196	1.7343423	1.3989300	1.3988300	1.3989300	1.0000000
7.1532775	5.0076520	2.3862435	1.7330167	1.4000000	1.3999000	1.4000000	1.0000000
7.1537885	5.0083673	2.3864139	1.7328929	1.4001000	1.4000000	1.4001000	1.0000000
7.1945186	5.0655559	2.4000000	1.7230833	1.4080709	1.4079709	1.4080709	1.0000000
7.2922155	5.2040540	2.4325881	1.7000000	1.4271902	1.4270902	1.4271902	1.0000000
7.4943115	5.4964799	2.5000000	1.6541599	1.4667405	1.4666405	1.4667405	1.0000000
7.4967111	5.5000000	2.5080004	1.6536305	1.4672101	1.4671101	1.4672101	1.0000000
7.5000000	5.5048266	2.5018975	1.6529054	1.4678538	1.4677538	1.4678538	1.0000000
7.6642624	5.7485801	2.5566894	1.6174823	1.5000000	1.4999000	1.5000000	1.0000000

V	V*	H ρ	λ	p^*	E^*	W^*	β						
7.6647734	9	5.7493465	13	2.5568599	7	1.6173744	-14	1.5001000	4	1.5000000	4	1.0000000	0
7.7480110	9	5.8748891	13	2.5846249	7	1.6000000	-14	1.5163896	4	1.5162896	4	1.0000000	0
7.7941044	9	5.9449927	13	2.6000000	7	1.5905384	-14	1.5254101	4	1.5253101	4	1.0000000	0
7.8300821	9	6.0000000	13	2.6120008	7	1.5832307	-14	1.5324510	4	1.5323510	4	1.0000000	0
8.0000000	9	6.2632161	13	2.6686793	7	1.5496054	-14	1.5657040	4	1.5656040	4	1.0000000	0
8.0938973	9	6.4110942	13	2.7000000	7	1.5316296	-14	1.5840798	4	1.5839798	4	1.0000000	0
8.1498287	9	6.5000000	13	2.7186567	7	1.5211188	-14	1.5950256	4	1.5949256	4	1.0000000	0
8.1752473	9	6.5406066	13	2.7271354	7	1.5163896	-14	1.6000000	4	1.5999000	4	1.0000000	0
8.1757583	9	6.5414242	13	2.7273058	7	1.5162949	-14	1.6001000	4	1.6000000	4	1.0000000	0
8.2645791	9	6.6843183	13	2.7569332	7	1.5000000	-14	1.6174823	4	1.6173823	4	1.0000000	0
8.3936902	9	6.8947844	13	2.8000000	7	1.4769285	-14	1.6427494	4	1.6426494	4	1.0000000	0
8.4574962	9	7.0000000	13	2.8212833	7	1.4657868	-14	1.6552362	4	1.6551362	4	1.0000000	0
8.5000000	9	7.0705306	13	2.8354611	7	1.4584576	-14	1.6635543	4	1.6634543	4	1.0000000	0
8.6862322	9	7.3837317	13	2.8975814	7	1.4271902	-14	1.7000000	4	1.6999000	4	1.0000000	0
8.6867432	9	7.3846004	13	2.8977518	7	1.4271063	-14	1.7001000	4	1.7000000	4	1.0000000	0
8.6934831	9	7.3960634	13	2.9000000	7	1.4259999	-14	1.7014190	4	1.7013190	4	1.0000000	0
8.7543582	9	7.5000000	13	2.9203057	7	1.4160846	-14	1.7133323	4	1.7132323	4	1.0000000	0
8.8549427	9	7.6733246	13	2.9538570	7	1.4000000	-14	1.7330167	4	1.7329167	4	1.0000000	0
8.9932760	9	7.9149311	13	3.0000000	7	1.3784666	-14	1.7600886	4	1.7599886	4	1.0000000	0
9.0000000	9	7.9267703	13	3.0022429	7	1.3774368	-14	1.7614045	4	1.7613045	4	1.0000000	0
9.0414790	9	8.0000000	13	3.0160788	7	1.3711180	-14	1.7695220	4	1.7694220	4	1.0000000	0
9.1972171	9	8.2779553	13	3.0680273	7	1.3479019	-14	1.8000000	4	1.7999000	4	1.0000000	0
9.1977281	9	8.2788750	13	3.0681978	7	1.3478270	-14	1.8001000	4	1.8000000	4	1.0000000	0
9.3197590	9	8.5000000	13	3.1089028	7	1.3301798	-14	1.8239815	4	1.8238815	4	1.0000000	0
9.5000000	9	8.8319351	13	3.1690247	7	1.3049440	-14	1.8592548	4	1.8591548	4	1.0000000	0
9.5361314	9	8.8992403	13	3.1810768	7	1.3000000	-14	1.8663257	4	1.8662257	4	1.0000000	0
9.5899677	9	9.0000000	13	3.1990346	7	1.2927024	-14	1.8768615	4	1.8767615	4	1.0000000	0
9.5928618	9	9.0054327	13	3.2000000	7	1.2923124	-14	1.8774279	4	1.8773279	4	1.0000000	0
9.7082020	9	9.2232773	13	3.2384733	7	1.2769597	-14	1.9000000	4	1.8999000	4	1.0000000	0
9.7087130	9	9.2242482	13	3.2386437	7	1.2768925	-14	1.9001000	4	1.9000000	4	1.0000000	0
9.85227692	9	9.5000000	13	3.2866956	7	1.2582242	-14	1.9282919	4	1.9281919	4	1.0000000	0
1.0000000	10	9.7860251	13	3.3358065	7	1.2397002	-14	1.9571050	4	1.9570050	4	1.0000000	0
1.0108741	10	1.0000000	14	3.3720786	7	1.2263652	-14	1.9783857	4	1.9782857	4	1.0000000	0
1.0192448	10	1.0166289	14	3.4000000	7	1.2162941	-14	1.9947671	4	1.9946671	4	1.0000000	0
1.0219187	10	1.0219698	14	3.4089192	7	1.2131117	-14	2.0000000	4	1.9999000	4	1.0000000	0
1.0219698	10	1.0220720	14	3.4090897	7	1.2130510	-14	2.0001000	4	2.0000000	4	1.0000000	0
1.0330852	10	1.0444247	14	3.4461665	7	1.2000000	-14	2.0218528	4	2.0217528	4	1.0000000	0
1.0602162	10	1.1000000	14	3.5366658	7	1.1692933	-14	2.0749484	4	2.0748484	4	1.0000000	0
1.0730172	10	1.1267217	14	3.5793652	7	1.1553445	-14	2.1000000	4	2.0999000	4	1.0000000	0
1.0730683	10	1.1268290	14	3.5795357	7	1.1552895	-14	2.1001000	4	2.1000000	4	1.0000000	0

V	V*	Hρ	λ	p*	E*	W*	β						
1.0792033	10	1.1397501	14	3.6000000	7	1.1487222	-14	2.1121064	4	2.1121064	4	1.0000000	0
1.1000000	10	1.1840980	14	3.6693701	7	1.1270054	-14	2.1528055	4	2.1528055	4	1.0000000	0
1.1073620	10	1.2000000	14	3.6939270	7	1.1195131	-14	2.1672130	4	2.1672130	4	1.0000000	0
1.1241157	10	1.2365834	14	3.7498112	7	1.1102828	-14	2.2000000	4	2.1999000	4	1.0000000	0
1.1241668	10	1.2366959	14	3.7499816	7	1.1102778	-14	2.2001000	4	2.2000000	4	1.0000000	0
1.1270066	10	1.2429517	14	3.7594544	7	1.1100000	-14	2.2056576	4	2.2055576	4	1.0000000	0
1.1391619	10	1.2699067	14	3.8000000	7	1.0882631	-14	2.2294456	4	2.2293456	4	1.0000000	0
1.1525810	10	1.3000000	14	3.8447611	7	1.0755934	-14	2.2557068	4	2.2556068	4	1.0000000	0
1.1752142	10	1.3515550	14	3.9202571	7	1.0548797	-14	2.3000000	4	2.2999000	4	1.0000000	0
1.1752653	10	1.3516726	14	3.9204276	7	1.0548339	-14	2.3001000	4	2.3000000	4	1.0000000	0
1.1960917	10	1.4000000	14	3.9898972	7	1.0364678	-14	2.3408575	4	2.3407575	4	1.0000000	0
1.1991205	10	1.4070989	14	4.0000000	7	1.0338500	-14	2.3467848	4	2.3466848	4	1.0000000	0
1.2000000	10	1.4091636	14	4.0029337	7	1.0330923	-14	2.3485060	4	2.3484060	4	1.0000000	0
1.2263126	10	1.4716365	14	4.0907031	7	1.0109264	-14	2.4000000	4	2.3999000	4	1.0000000	0
1.2263637	10	1.4717591	14	4.0908735	7	1.0108843	-14	2.4001000	4	2.4000000	4	1.0000000	0
1.2380744	10	1.5000000	14	4.1299359	7	1.0013230	-14	2.4230178	4	2.4229178	4	1.0000000	0
1.2397124	10	1.5039716	14	4.1335398	7	1.0000000	-14	2.4262234	4	2.4261234	4	1.0000000	0
1.2590791	10	1.5513265	14	4.2000000	7	9.8461901	-15	2.4641241	4	2.4640241	4	1.0000000	0
1.2774111	10	1.5968278	14	4.2611491	7	9.7048936	-15	2.5000000	4	2.4999000	4	1.0000000	0
1.2774622	10	1.5969555	14	4.2613195	7	9.7045054	-15	2.5001000	4	2.5000000	4	1.0000000	0
1.2786794	10	1.6000000	14	4.2653795	7	9.6952682	-15	2.5024820	4	2.5023820	4	1.0000000	0
1.3000000	10	1.6537992	14	4.3364973	7	9.5362675	-15	2.5442065	4	2.5441065	4	1.0000000	0
1.3049631	10	1.6664505	14	4.3530524	7	9.5000000	-15	2.5539194	4	2.5538194	4	1.0000000	0
1.3180341	10	1.7000000	14	4.3966525	7	9.4057918	-15	2.5794994	4	2.5793994	4	1.0000000	0
1.3190377	10	1.7025896	14	4.4000000	7	9.3986360	-15	2.5814633	4	2.5813633	4	1.0000000	0
1.3285096	10	1.7271289	14	4.4315950	7	9.3316285	-15	2.6000000	4	2.5999000	4	1.0000000	0
1.3285607	10	1.7272618	14	4.4317655	7	9.3312696	-15	2.6001000	4	2.6000000	4	1.0000000	0
1.3562474	10	1.8000000	14	4.5241181	7	9.1407865	-15	2.6542830	4	2.6541830	4	1.0000000	0
1.3774639	10	1.8567551	14	4.5948887	7	9.0000000	-15	2.6958038	4	2.6957038	4	1.0000000	0
1.3789962	10	1.8608882	14	4.6000000	7	8.9899996	-15	2.6988026	4	2.6987026	4	1.0000000	0
1.3796081	10	1.8625399	14	4.6020410	7	8.9860126	-15	2.7000000	4	2.6999000	4	1.0000000	0
1.3796592	10	1.8626779	14	4.6022114	7	8.9856798	-15	2.7001000	4	2.7000000	4	1.0000000	0
1.3934131	10	1.9000000	14	4.6480895	7	8.8969883	-15	2.7270165	4	2.7269165	4	1.0000000	0
1.4000000	10	1.9180049	14	4.6700609	7	8.8551304	-15	2.7399070	4	2.7398070	4	1.0000000	0
1.4296131	10	2.0000000	14	4.7688392	7	8.6717115	-15	2.7978599	4	2.7977599	4	1.0000000	0
1.4307066	10	2.0030608	14	4.7724869	7	8.6650836	-15	2.8000000	4	2.7999000	4	1.0000000	0
1.4307577	10	2.0032039	14	4.7726574	7	8.6647741	-15	2.8001000	4	2.8000000	4	1.0000000	0
1.4389548	10	2.0262224	14	4.8000000	7	8.6154163	-15	2.8160418	4	2.8160418	4	1.0000000	0
1.4584942	10	2.0816216	14	4.8651763	7	8.5000000	-15	2.8543805	4	2.8542805	4	1.0000000	0
1.4649187	10	2.1000000	14	4.8866061	7	8.4627239	-15	2.8669533	4	2.8668533	4	1.0000000	0

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β								
1.4818051	10	2.1486915	14	4.9429329	7	8.3662876	-15	2.9000000	4	2.8999000	4	2.9000000	4	1.0000000	0
1.4818562	10	2.1488397	14	4.9431034	7	8.3659991	-15	2.9001000	4	2.9000000	4	2.9001000	4	1.0000000	0
1.4899134	10	2.1985920	14	5.0000000	7	8.2707997	-15	2.9334810	4	2.9333810	4	2.9334810	4	1.0000000	0
1.4993933	10	2.2000000	14	5.0016008	7	8.2681525	-15	2.9344202	4	2.9343202	4	2.9344202	4	1.0000000	0
1.5000000	10	2.2017806	14	5.0036245	7	8.2648085	-15	2.9356075	4	2.9355075	4	2.9356075	4	1.0000000	0
1.5329036	10	2.2994320	14	5.1133789	7	8.0874113	-15	3.0000000	4	2.9999000	4	3.0000000	4	1.0000000	0
1.5329547	10	2.2995853	14	5.1135493	7	8.0871418	-15	3.0001000	4	3.0000000	4	3.0001000	4	1.0000000	0
1.5330929	10	2.3309299	14	5.1140104	7	8.0864127	-15	3.0003705	4	3.0002705	4	3.0003705	4	1.0000000	0
1.5496533	10	2.3499557	14	5.1692498	7	8.0000000	-15	3.0327793	4	3.0326793	4	3.0327793	4	1.0000000	0
1.5660675	10	2.4000000	14	5.2240017	7	7.9161534	-15	3.0649020	4	3.0648020	4	3.0649020	4	1.0000000	0
1.5983620	10	2.5000000	14	5.3317244	7	7.7562146	-15	3.1281025	4	3.1280025	4	3.1281025	4	1.0000000	0
1.6000000	10	2.5051264	14	5.3371881	7	7.7482745	-15	3.1313080	4	3.1312080	4	3.1313080	4	1.0000000	0
1.6300168	10	2.6000000	14	5.4373133	7	7.6055941	-15	3.1900511	4	3.1899511	4	3.1900511	4	1.0000000	0
1.6351006	10	2.6162427	14	5.4542708	7	7.5819481	-15	3.2000000	4	3.1999000	4	3.2000000	4	1.0000000	0
1.6351517	10	2.6164062	14	5.4544412	7	7.5817112	-15	3.2001000	4	3.2000000	4	3.2001000	4	1.0000000	0
1.6488099	10	2.6602963	14	5.5000000	7	7.5189088	-15	3.2268291	4	3.2267292	4	3.2268292	4	1.0000000	0
1.6529669	10	2.6737273	14	5.5138664	7	7.5000000	-15	3.2349645	4	3.2348645	4	3.2349645	4	1.0000000	0
1.6610685	10	2.7000000	14	5.5408905	7	7.4634210	-15	3.2508194	4	3.2507195	4	3.2508195	4	1.0000000	0
1.6915503	10	2.8000000	14	5.6425667	7	7.3289339	-15	3.3104725	4	3.3103725	4	3.3104725	4	1.0000000	0
1.7000000	10	2.8280423	14	5.6707517	7	7.2925073	-15	3.3270085	4	3.3269085	4	3.3270085	4	1.0000000	0
1.7214925	10	2.9000000	14	5.7424429	7	7.2014644	-15	3.3690695	4	3.3689695	4	3.3690695	4	1.0000000	0
1.7372975	10	2.9534927	14	5.7951627	7	7.1359512	-15	3.4000000	4	3.3999000	4	3.4000000	4	1.0000000	0
1.7373486	10	2.9536664	14	5.7953332	7	7.1357413	-15	3.4001000	4	3.4000000	4	3.4001000	4	1.0000000	0
1.7509227	10	3.0000000	14	5.8406114	7	7.0804228	-15	3.4266646	4	3.4265646	4	3.4266646	4	1.0000000	0
1.7710396	10	3.0693298	14	5.9077140	7	7.0000000	-15	3.4660334	4	3.4659334	4	3.4660334	4	1.0000000	0
1.7987063	10	3.1659724	14	6.0000000	7	6.8923330	-15	3.5201773	4	3.5200773	4	3.5201773	4	1.0000000	0
1.8000000	10	3.1705281	14	6.0043153	7	6.8873795	-15	3.5227090	4	3.5226090	4	3.5227090	4	1.0000000	0
1.8083469	10	3.2000000	14	6.0321575	7	6.8555899	-15	3.5390440	4	3.5389440	4	3.5390440	4	1.0000000	0
1.8394945	10	3.3111821	14	6.1360546	7	6.7395094	-15	3.6000000	4	3.5999000	4	3.6000000	4	1.0000000	0
1.8395456	10	3.3113661	14	6.1362251	7	6.7393222	-15	3.6001000	4	3.6000000	4	3.6001000	4	1.0000000	0
1.8640029	10	3.4000000	14	6.2178057	7	6.6508991	-15	3.6479630	4	3.6478630	4	3.6479630	4	1.0000000	0
1.9000000	10	3.5325841	14	6.3378789	7	6.5248956	-15	3.7184095	4	3.7183095	4	3.7184095	4	1.0000000	0
1.9072774	10	3.5596961	14	6.3621536	7	6.5000000	-15	3.7326514	4	3.7325514	4	3.7326514	4	1.0000000	0
1.9180446	10	3.6000000	14	6.3980692	7	6.4635122	-15	3.7537230	4	3.7536230	4	3.7537230	4	1.0000000	0
1.9416915	10	3.6893109	14	6.4769466	7	6.3847984	-15	3.8000000	4	3.7999000	4	3.8000000	4	1.0000000	0
1.9417426	10	3.6895051	14	6.4771170	7	6.3846304	-15	3.8001000	4	3.8000000	4	3.8001000	4	1.0000000	0
1.9486028	10	3.7156204	14	6.5000000	7	6.3621536	-15	3.8153254	4	3.8134254	4	3.8153254	4	1.0000000	0
1.9706049	10	3.8000000	14	6.5733913	7	6.2911208	-15	3.8565837	4	3.8564837	4	3.8565837	4	1.0000000	0
2.0000000	10	3.9142100	14	6.6714425	7	6.1986592	-15	3.9141100	4	3.9140100	4	3.9141100	4	1.0000000	0
2.0217993	10	4.0000000	14	6.7441571	7	6.1318260	-15	3.9567714	4	3.9566714	4	3.9567714	4	1.0000000	0

V	V*	H _P	λ	p*	E*	W*	β								
2.043885	10	4.0878792	14	6.8178395	7	6.0655585	-15	4.0000000	4	3.9999000	4	4.0000000	4	1.0000000	0
2.0439396	10	4.0880835	14	6.8180089	7	6.0654069	-15	4.0001000	4	4.0000000	4	4.0001000	4	1.0000000	0
2.0662214	10	4.1776989	14	6.8923330	7	6.0000000	-15	4.0437057	4	4.0436057	4	4.0437057	4	1.0000000	0
2.0717291	10	4.2000000	14	6.9107046	7	5.9840495	-15	4.0544842	4	4.0543842	4	4.0544842	4	1.0000000	0
2.0984992	10	4.3092403	14	7.0000000	7	5.9077140	-15	4.1068735	4	4.1067735	4	4.1068735	4	1.0000000	0
2.1000000	10	4.3154061	14	7.0050061	7	5.9034921	-15	4.1098105	4	4.1097105	4	4.1098105	4	1.0000000	0
2.1204835	10	4.4000000	14	7.0733317	7	5.8464667	-15	4.1498969	4	4.1497969	4	4.1498969	4	1.0000000	0
2.1460855	10	4.5068868	14	7.1587304	7	5.7767224	-15	4.2000000	4	4.1999000	4	4.2000000	4	1.0000000	0
2.1461366	10	4.5071014	14	7.1589009	7	5.7765848	-15	4.2001000	4	4.2000000	4	4.2001000	4	1.0000000	0
2.1681419	10	4.6000000	14	7.2323028	7	5.7179573	-15	4.2431646	4	4.2430646	4	4.2431646	4	1.0000000	0
2.2000000	10	4.7361721	14	7.3385697	7	5.6351578	-15	4.3055110	4	4.3054110	4	4.3055110	4	1.0000000	0
2.2147751	10	4.8000000	14	7.3878540	7	5.5975657	-15	4.3344259	4	4.3343259	4	4.3344259	4	1.0000000	0
2.2482824	10	4.9463338	14	7.4996223	7	5.5141441	-15	4.4000000	4	4.3999000	4	4.4000000	4	1.0000000	0
2.2483335	10	4.9465586	14	7.4997928	7	5.5140188	-15	4.4001000	4	4.4000000	4	4.4001000	4	1.0000000	0
2.2483957	10	4.9468319	14	7.5000000	7	5.5138664	-15	4.4002216	4	4.4001216	4	4.4002216	4	1.0000000	0
2.2540644	10	4.9718070	14	7.5189088	7	5.5000000	-15	4.4113153	4	4.4112153	4	4.4113153	4	1.0000000	0
2.2604464	10	5.0000000	14	7.5401969	7	5.4844719	-15	4.4238049	4	4.4237049	4	4.4238049	4	1.0000000	0
2.3000000	10	5.1765083	14	7.6721333	7	5.3901564	-15	4.5012115	4	4.5011115	4	4.5012115	4	1.0000000	0
2.3504794	10	5.4062202	14	7.8405143	7	5.2743987	-15	4.6000000	4	4.5999000	4	4.6000000	4	1.0000000	0
2.3505305	10	5.4064552	14	7.8406847	7	5.2742840	-15	4.6001000	4	4.6000000	4	4.6001000	4	1.0000000	0
2.3707787	10	5.5280000	14	7.9082252	7	5.2292388	-15	4.6397258	4	4.6396258	4	4.6397258	4	1.0000000	0
2.3982921	10	5.6283955	14	8.0000000	7	5.1692498	-15	4.6935697	4	4.6934697	4	4.6935697	4	1.0000000	0
2.4000000	10	5.6364145	14	8.0056969	7	5.1655713	-15	4.6969120	4	4.6968120	4	4.6969120	4	1.0000000	0
2.4526764	10	5.8865460	14	8.1814062	7	5.0546321	-15	4.8000000	4	4.7999000	4	4.8000000	4	1.0000000	0
2.4527275	10	5.8867912	14	8.1815766	7	5.0545268	-15	4.8001000	4	4.8000000	4	4.8001000	4	1.0000000	0
2.4761998	10	6.0000000	14	8.2598719	7	5.0066150	-15	4.8460355	4	4.8459355	4	4.8460355	4	1.0000000	0
2.4794759	10	6.0158865	14	8.2707997	7	5.0000000	-15	4.8524468	4	4.8523468	4	4.8524468	4	1.0000000	0
2.5000000	10	6.1158907	14	8.3392605	7	4.9589527	-15	4.8926125	4	4.8925125	4	4.8926125	4	1.0000000	0
2.5481886	10	6.3539308	14	8.5000000	7	4.8651763	-15	4.9869178	4	4.9868178	4	4.9869178	4	1.0000000	0
2.5548734	10	6.3873112	14	8.5222981	7	4.8524468	-15	5.0000000	4	4.9999000	4	5.0000000	4	1.0000000	0
2.5549245	10	6.3875667	14	8.5224686	7	4.8523498	-15	5.0001000	4	5.0000000	4	5.0001000	4	1.0000000	0
2.5773126	10	6.5000000	14	8.5971472	7	4.8102001	-15	5.0439137	4	5.0438137	4	5.0439137	4	1.0000000	0
2.5827895	10	6.5276546	14	8.6154163	7	4.8000000	-15	5.0546321	4	5.0545321	4	5.0546321	4	1.0000000	0
2.6000000	10	6.6149370	14	8.6728241	7	4.7682275	-15	5.0883130	4	5.0882130	4	5.0883130	4	1.0000000	0
2.6746056	10	7.0000000	14	8.9216813	7	4.6352248	-15	5.2343166	4	5.2342166	4	5.2343166	4	1.0000000	0
2.6950870	10	7.1076163	14	8.9899996	7	4.6000000	-15	5.2743987	4	5.2742987	4	5.2743987	4	1.0000000	0
2.6980850	10	7.1234380	14	9.0000000	7	4.5948887	-15	5.2802659	4	5.2801659	4	5.2802659	4	1.0000000	0
2.7000000	10	7.1335533	14	9.0063877	7	4.5916298	-15	5.2840135	4	5.2839135	4	5.2840135	4	1.0000000	0
2.7684816	10	7.5000000	14	9.2348175	7	4.4780526	-15	5.4180324	4	5.4179324	4	5.4180324	4	1.0000000	0
2.8000000	10	7.6717397	14	9.3399513	7	4.4276460	-15	5.4797140	4	5.4796140	4	5.4797140	4	1.0000000	0

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β				
2.8103658	10	9.3745279	7	4.4113153	-15	5.5000000	4	5.5000000	4	1.0000000	0
2.8104169	10	9.3746984	7	4.4112351	-15	5.5001000	4	5.5001000	4	1.0000000	0
2.8175932	10	9.3986360	7	4.4000000	-15	5.5140441	4	5.5140441	4	1.0000000	0
2.8479815	10	9.5000000	7	4.350524	-15	5.5736140	4	5.5736140	4	1.0000000	0
2.8592772	10	9.5376785	7	4.3358558	-15	5.5957198	4	5.5957198	4	1.0000000	0
2.9000000	10	9.6735149	7	4.2749712	-15	5.6754145	4	5.6754146	4	1.0000000	0
2.9472770	10	9.8312140	7	4.2063980	-15	5.7679360	4	5.7679360	4	1.0000000	0
2.9517668	10	9.8461901	7	4.2000000	-15	5.7767224	4	5.7767224	4	1.0000000	0
2.9978779	10	1.0000000	8	4.1353998	-15	5.8669621	4	5.8669621	4	1.0000000	0
3.0000000	10	1.0007079	8	4.1324746	-15	5.8711150	4	5.8711151	4	1.0000000	0
3.0327245	10	1.0116236	8	4.0878840	-15	5.9351571	4	5.9351571	4	1.0000000	0
3.0658583	10	1.0226758	8	4.0437057	-15	6.0000000	4	6.0000000	4	1.0000000	0
3.0659094	10	1.0226928	8	4.0436383	-15	6.0001000	4	6.0001000	4	1.0000000	0
3.0993577	10	1.0338500	8	4.0000000	-15	6.0655585	4	6.0655585	4	1.0000000	0
3.1158297	10	1.0393444	8	3.9788541	-15	6.0977943	4	6.0977943	4	1.0000000	0
3.1967751	10	1.0663449	8	3.8781073	-15	6.2562049	4	6.2562049	4	1.0000000	0
3.2000000	10	1.0674206	8	3.8741991	-15	6.2625161	4	6.2625161	4	1.0000000	0
3.2624844	10	1.0882631	8	3.8000000	-15	6.3847984	4	6.3847984	4	1.0000000	0
3.2976708	10	1.1000000	8	3.7594544	-15	6.4535583	4	6.4535583	4	1.0000000	0
3.3213507	10	1.1078988	8	3.7326514	-15	6.5000000	4	6.5000000	4	1.0000000	0
3.3214018	10	1.1079488	8	3.7325940	-15	6.5001000	4	6.5001000	4	1.0000000	0
3.3528085	10	1.1183919	8	3.6976302	-15	6.5614631	4	6.5614631	4	1.0000000	0
3.4000000	10	1.1311829	8	3.6463085	-15	6.6539171	4	6.6539171	4	1.0000000	0
3.4437364	10	1.1604719	8	3.6000000	-15	6.7395094	4	6.7395095	4	1.0000000	0
3.5018966	10	1.2000000	8	3.5402114	-15	6.8533291	4	6.8533291	4	1.0000000	0
3.5768432	10	1.1931217	8	3.4660334	-15	7.0000000	4	7.0000000	4	1.0000000	0
3.5768943	10	1.1931388	8	3.4659839	-15	7.0001000	4	7.0001000	4	1.0000000	0
3.5974637	10	1.2000000	8	3.4461665	-15	7.0403545	4	7.0403545	4	1.0000000	0
3.6000000	10	1.2008460	8	3.4437386	-15	7.0453181	4	7.0453181	4	1.0000000	0
3.6448916	10	1.2158202	8	3.4013251	-15	7.1330711	4	7.1330711	4	1.0000000	0
3.6463122	10	1.2162941	8	3.4000000	-15	7.1359512	4	7.1359512	4	1.0000000	0
3.7824847	10	1.2617163	8	3.2775989	-15	7.4024415	4	7.4024415	4	1.0000000	0
3.8000000	10	1.2675587	8	3.2624917	-15	7.4367191	4	7.4367191	4	1.0000000	0
3.8323356	10	1.2783647	8	3.2349645	-15	7.5000000	4	7.5000000	4	1.0000000	0
3.8323867	10	1.2783618	8	3.2349214	-15	7.5001000	4	7.5001000	4	1.0000000	0
3.8742099	10	1.2923124	8	3.2000000	-15	7.5819481	4	7.5819481	4	1.0000000	0
3.8972566	10	1.3000000	8	3.1810768	-15	7.6270507	4	7.6270507	4	1.0000000	0
3.9152454	10	1.3060000	8	3.1664613	-15	7.6622549	4	7.6622549	4	1.0000000	0
4.0000000	10	1.342715	8	3.0993692	-15	7.8280201	4	7.8280201	4	1.0000000	0
4.0436498	10	1.3488314	8	3.0659130	-15	7.9135429	4	7.9135429	4	1.0000000	0

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β						
4.0878281	10	1.3635677	8	3.0327793	-15	8.0000000	4	7.9999000	4	8.0000000	4	1.0000000	0
4.0878791	10	1.3635847	8	3.0327413	-15	8.0001000	4	8.0000000	4	8.0001000	4	1.0000000	0
4.1324939	10	1.3784666	8	3.0000000	-15	8.0874113	4	8.0873113	4	8.0874113	4	1.0000000	0
4.1681003	10	1.39030436	8	2.9743725	-15	8.1570933	4	8.1569933	4	8.1570933	4	1.0000000	0
4.1970495	10	1.4000000	8	2.9538570	-15	8.2137469	4	8.2136469	4	8.2137469	4	1.0000000	0
4.2000000	10	1.4009842	8	2.9517820	-15	8.2195211	4	8.2194211	4	8.2195211	4	1.0000000	0
4.2749955	10	1.4259999	8	2.9000000	-15	8.3662876	4	8.3661876	4	8.3662876	4	1.0000000	0
4.2889413	10	1.4306518	8	2.8905705	-15	8.3935797	4	8.3934797	4	8.3935797	4	1.0000000	0
4.3433205	10	1.4487907	8	2.8543805	-15	8.5000000	4	8.4999000	4	8.5000000	4	1.0000000	0
4.3433716	10	1.4488077	8	2.8543469	-15	8.5001000	4	8.5000000	4	8.5001000	4	1.0000000	0
4.4000000	10	1.4676969	8	2.8176116	-15	8.6109221	4	8.6108221	4	8.6109221	4	1.0000000	0
4.4064697	10	1.4698550	8	2.8134747	-15	8.6235834	4	8.6234834	4	8.6235834	4	1.0000000	0
4.4276757	10	1.4769285	8	2.8000000	-15	8.6650836	4	8.6649836	4	8.6650836	4	1.0000000	0
4.4968424	10	1.5000000	8	2.7569332	-15	8.8004431	4	8.8003431	4	8.8004431	4	1.0000000	0
4.5209439	10	1.5080394	8	2.7422360	-15	8.8476099	4	8.8475099	4	8.8476099	4	1.0000000	0
4.5916656	10	1.5316296	8	2.7000000	-15	8.9860126	4	8.9859126	4	8.9860126	4	1.0000000	0
4.5988129	10	1.5340137	8	2.6958038	-15	9.0000000	4	8.9999000	4	9.0000000	4	1.0000000	0
4.5988640	10	1.5340307	8	2.6957738	-15	9.0001000	4	9.0000000	4	9.0001000	4	1.0000000	0
4.6000000	10	1.5344096	8	2.6951081	-15	9.0023231	4	9.0022231	4	9.0023231	4	1.0000000	0
4.6325902	10	1.5452805	8	2.6761483	-15	9.0661023	4	9.0660023	4	9.0661023	4	1.0000000	0
4.7416085	10	1.5816450	8	2.6146194	-15	9.2794515	4	9.2793515	4	9.2794515	4	1.0000000	0
4.7682701	10	1.5905384	8	2.6000000	-15	9.3316285	4	9.3315285	4	9.3316285	4	1.0000000	0
4.7966353	10	1.6000000	8	2.5846249	-15	9.3871393	4	9.3870394	4	9.3871394	4	1.0000000	0
4.8000000	10	1.6011223	8	2.5828131	-15	9.3937241	4	9.3936241	4	9.3937241	4	1.0000000	0
4.8481759	10	1.6171921	8	2.5571482	-15	9.4880046	4	9.4879046	4	9.4880046	4	1.0000000	0
4.8543054	10	1.6192366	8	2.5539194	-15	9.5000000	4	9.4999000	4	9.5000000	4	1.0000000	0
4.8543565	10	1.6192537	8	2.5538925	-15	9.5001000	4	9.5000000	4	9.5001000	4	1.0000000	0
4.9524508	10	1.6519744	8	2.5033075	-15	9.6920710	4	9.6919710	4	9.6920710	4	1.0000000	0
4.9590029	10	1.6541599	8	2.5000000	-15	9.7048936	4	9.7047936	4	9.7048936	4	1.0000000	0
5.0000000	10	1.6678351	8	2.4795017	-15	9.7851251	4	9.7850251	4	9.7851251	4	1.0000000	0
5.0545750	10	1.6860393	8	2.4527304	-15	9.8919286	4	9.8918286	4	9.8919286	4	1.0000000	0
5.0964282	10	1.7000000	8	2.4325881	-15	9.9738356	4	9.9737356	4	9.9738356	4	1.0000000	0
5.1097978	10	1.7044596	8	2.4262234	-15	1.0000000	5	9.9999000	4	1.0000000	5	1.0000000	0
5.1098489	10	1.7044767	8	2.4261991	-15	1.0000100	5	1.0000000	5	1.0000100	5	1.0000000	0
5.1546763	10	1.7194294	8	2.4051000	-15	1.0087827	5	1.0087727	5	1.0087827	5	1.0000000	0
5.1656302	10	1.7230833	8	2.4000000	-15	1.0109264	5	1.0109164	5	1.0109264	5	1.0000000	0
5.2528704	10	1.7521834	8	2.3601409	-15	1.0279994	5	1.0279894	5	1.0279994	5	1.0000000	0
5.3492623	10	1.7843363	8	2.3176124	-15	1.0468633	5	1.0468533	5	1.0468633	5	1.0000000	0
5.3902250	10	1.7979999	8	2.3000000	-15	1.0548797	5	1.0548697	5	1.0548797	5	1.0000000	0
5.3962211	10	1.8000000	8	2.2974443	-15	1.0560532	5	1.0560432	5	1.0560532	5	1.0000000	0

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β				
5.4439478	10	1.8159199	8	2.2773030	-15	1.0653933	5	1.0653933	5	1.0000000	0
5.5000000	10	2.9600000	15	2.2540945	-15	1.0763628	5	1.0763628	5	1.0000000	0
5.5370143	10	1.8346169	8	2.2390263	-15	1.0836065	5	1.0836065	5	1.0000000	0
5.6207827	10	1.8749056	8	2.2056576	-15	1.1000000	5	1.0999900	5	1.0000000	0
5.6208338	10	1.8749226	8	2.2056376	-15	1.1000100	5	1.1000000	5	1.0000000	0
5.6352376	10	1.8797272	8	2.2000000	-15	1.1028288	5	1.1028188	5	1.0000000	0
5.6960140	10	1.9000000	8	2.1765262	-15	1.1147228	5	1.1147128	5	1.0000000	0
5.7186055	10	1.9075357	8	2.1679279	-15	1.1191440	5	1.1191340	5	1.0000000	0
5.8946052	10	1.9662428	8	2.1031990	-15	1.1535872	5	1.1535772	5	1.0000000	0
5.9035847	10	1.9692380	8	2.1000000	-15	1.1553445	5	1.1553345	5	1.0000000	0
5.9958069	10	2.0000000	8	2.0676999	-15	1.1733924	5	1.1733824	5	1.0000000	0
6.0000000	10	2.0013987	8	2.0662549	-15	1.1742130	5	1.1742030	5	1.0000000	0
6.0655002	10	2.0232471	8	2.0439420	-15	1.1870314	5	1.1870214	5	1.0000000	0
6.1317676	10	2.0453515	8	2.0218528	-15	1.2000000	5	1.1999900	5	1.0000000	0
6.1318187	10	2.0453686	8	2.0218360	-15	1.2000100	5	1.2000000	5	1.0000000	0
6.1987664	10	2.0676999	8	2.0000000	-15	1.2131117	5	1.2131017	5	1.0000000	0
6.2317104	10	2.0786888	8	1.9894271	-15	1.2195589	5	1.2195489	5	1.0000000	0
6.2955998	10	2.1000000	8	1.9692380	-15	1.2320620	5	1.2320520	5	1.0000000	0
6.3936013	10	2.1326897	8	1.9390536	-15	1.2512410	5	1.2512310	5	1.0000000	0
6.5000000	10	2.1681805	8	1.9073135	-15	1.2720633	5	1.2720533	5	1.0000000	0
6.5250200	10	2.1765262	8	1.9000000	-15	1.2769597	5	1.2769497	5	1.0000000	0
6.5514931	10	2.1853567	8	1.8923226	-15	1.2821405	5	1.2821305	5	1.0000000	0
6.5953927	10	2.2000000	8	1.8797272	-15	1.2907317	5	1.2907217	5	1.0000000	0
6.6427525	10	2.2157975	8	1.8663257	-15	1.3000000	5	1.2999900	5	1.0000000	0
6.6428036	10	2.2158146	8	1.8663113	-15	1.3000100	5	1.3000000	5	1.0000000	0
6.7056682	10	2.2367839	8	1.8488151	-15	1.3123126	5	1.3123026	5	1.0000000	0
6.8563773	10	2.2870550	8	1.8081768	-15	1.3418065	5	1.3417965	5	1.0000000	0
6.8875239	10	2.2974443	8	1.8000000	-15	1.3479019	5	1.3478919	5	1.0000000	0
6.8951856	10	2.3000000	8	1.7979999	-15	1.3494013	5	1.3493913	5	1.0000000	0
7.0000000	10	2.3349623	8	1.7710778	-15	1.3699135	5	1.3699035	5	1.0000000	0
7.0038442	10	2.3362446	8	1.7701057	-15	1.3706658	5	1.3706558	5	1.0000000	0
7.1482696	10	2.3844196	8	1.7343423	-15	1.3989300	5	1.3989200	5	1.0000000	0
7.1537374	10	2.3862435	8	1.7330167	-15	1.4000000	5	1.3999900	5	1.0000000	0
7.1537885	10	2.3862605	8	1.7330043	-15	1.4000100	5	1.4000000	5	1.0000000	0
7.1949785	10	2.4000000	8	1.7230833	-15	1.4080709	5	1.4080609	5	1.0000000	0
7.2926754	10	2.4325881	8	1.7000000	-15	1.4271902	5	1.4271802	5	1.0000000	0
7.4947714	10	2.5000000	8	1.6541599	-15	1.4667405	5	1.4667305	5	1.0000000	0
7.4971709	10	2.5008004	8	1.6536305	-15	1.4672101	5	1.4672001	5	1.0000000	0
7.5000000	10	2.5017441	8	1.6530067	-15	1.4677638	5	1.4677538	5	1.0000000	0
7.6647223	10	2.5566894	8	1.6174823	-15	1.5000000	5	1.4999900	5	1.0000000	0

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β								
7.6647734	10	5.7486567	15	2.5567065	8	1.6174715	-15	1.5000100	5	1.5000000	5	1.5000100	5	1.0000000	0
7.7484708	10	5.8748891	15	2.5846249	8	1.6000000	-15	1.5163896	5	1.5163796	5	1.5163896	5	1.0000000	0
7.7945643	10	5.9449927	15	2.6000000	8	1.5905384	-15	1.5254101	5	1.5254001	5	1.5254101	5	1.0000000	0
7.8305419	10	6.0000000	15	2.6120008	8	1.5832307	-15	1.5324510	5	1.5324410	5	1.5324510	5	1.0000000	0
8.0000000	10	6.2624961	15	2.6685259	8	1.5496945	-15	1.5656140	5	1.5656040	5	1.5656140	5	1.0000000	0
8.0943572	10	6.4110942	15	2.7000000	8	1.5316296	-15	1.5840798	5	1.5840698	5	1.5840798	5	1.0000000	0
8.1502885	10	6.5000000	15	2.7186567	8	1.5211188	-15	1.5950256	5	1.5950156	5	1.5950256	5	1.0000000	0
8.1757072	10	6.5406066	15	2.7271354	8	1.5163896	-15	1.6000000	5	1.5999900	5	1.6000000	5	1.0000000	0
8.1757583	10	6.5406884	15	2.7271524	8	1.5163801	-15	1.6000100	5	1.6000000	5	1.6000100	5	1.0000000	0
8.2650389	10	6.6843183	15	2.7569332	8	1.5000000	-15	1.6174823	5	1.6174723	5	1.6174823	5	1.0000000	0
8.3941501	10	6.8947844	15	2.8000000	8	1.4769285	-15	1.6427494	5	1.6427394	5	1.6427494	5	1.0000000	0
8.4579561	10	7.0000000	15	2.8212833	8	1.4657868	-15	1.6552362	5	1.6552262	5	1.6552362	5	1.0000000	0
8.5000000	10	7.0697656	15	2.8353077	8	1.4585365	-15	1.6634643	5	1.6634543	5	1.6634643	5	1.0000000	0
8.6866921	10	7.3837317	15	2.8975814	8	1.4271902	-15	1.7000000	5	1.6999900	5	1.7000000	5	1.0000000	0
8.6867432	10	7.3838186	15	2.8975984	8	1.4271818	-15	1.7000100	5	1.7000000	5	1.7000100	5	1.0000000	0
8.6939430	10	7.3960634	15	2.9000000	8	1.4259999	-15	1.7014190	5	1.7014090	5	1.7014190	5	1.0000000	0
8.7548181	10	7.5000000	15	2.9203057	8	1.4160846	-15	1.7133323	5	1.7133223	5	1.7133323	5	1.0000000	0
8.8554025	10	7.6733246	15	2.9538570	8	1.4000000	-15	1.7330167	5	1.7330067	5	1.7330167	5	1.0000000	0
8.9937359	10	7.9149311	15	3.0000000	8	1.3784666	-15	1.7600886	5	1.7600786	5	1.7600886	5	1.0000000	0
9.0000000	10	7.9259603	15	3.0020895	8	1.3775072	-15	1.7613145	5	1.7613045	5	1.7613145	5	1.0000000	0
9.0419389	10	8.0000000	15	3.0160788	8	1.3711180	-15	1.7695220	5	1.7695120	5	1.7695220	5	1.0000000	0
9.1976770	10	8.2779553	15	3.0680273	8	1.3479019	-15	1.8000000	5	1.7999900	5	1.8000000	5	1.0000000	0
9.1977281	10	8.2780473	15	3.0680444	8	1.3478944	-15	1.8000100	5	1.8000000	5	1.8000100	5	1.0000000	0
9.3202189	10	8.5000000	15	3.1089028	8	1.3301798	-15	1.8239815	5	1.8239715	5	1.8239815	5	1.0000000	0
9.5000000	10	8.8310801	15	3.1688713	8	1.3050072	-15	1.8591648	5	1.8591548	5	1.8591648	5	1.0000000	0
9.5365913	10	8.8992403	15	3.1810768	8	1.3000000	-15	1.8663257	5	1.8663157	5	1.8663257	5	1.0000000	0
9.5904276	10	9.0000000	15	3.1990346	8	1.2927024	-15	1.8768615	5	1.8768515	5	1.8768615	5	1.0000000	0
9.5933217	10	9.0054327	15	3.2000000	8	1.2923124	-15	1.8774279	5	1.8774179	5	1.8774279	5	1.0000000	0
9.7086619	10	9.2322773	15	3.2384733	8	1.2769597	-15	1.9000000	5	1.8999900	5	1.9000000	5	1.0000000	0
9.7087130	10	9.2233744	15	3.2384903	8	1.2769530	-15	1.9000100	5	1.9000000	5	1.9000100	5	1.0000000	0
9.8532291	10	9.5000000	15	3.2866956	8	1.2582242	-15	1.9282919	5	1.9282819	5	1.9282919	5	1.0000000	0
1.0000000	11	9.7851251	15	3.3556531	8	1.2397572	-15	1.9570150	5	1.9570050	5	1.9570150	5	1.0000000	0
1.0109201	11	1.0000000	16	3.3720786	8	1.2263652	-15	1.9783857	5	1.9783757	5	1.9783857	5	1.0000000	0
1.0192908	11	1.0166289	16	3.4000000	8	1.2162941	-15	1.9947671	5	1.9947571	5	1.9947671	5	1.0000000	0
1.0219647	11	1.0219698	16	3.4089192	8	1.2131117	-15	2.0000000	5	1.9999900	5	2.0000000	5	1.0000000	0
1.0219698	11	1.0219800	16	3.4089363	8	1.2131056	-15	2.0000100	5	2.0000000	5	2.0000100	5	1.0000000	0
1.0331311	11	1.0444247	16	3.4461665	8	1.2000000	-15	2.0218528	5	2.0218428	5	2.0218528	5	1.0000000	0
1.0602622	11	1.1000000	16	3.5366658	8	1.1692933	-15	2.0749484	5	2.0749384	5	2.0749484	5	1.0000000	0
1.0730632	11	1.1267217	16	3.5793652	8	1.1553445	-15	2.1000000	5	2.0999900	5	2.1000000	5	1.0000000	0
1.0730683	11	1.1267324	16	3.5793823	8	1.1553390	-15	2.1000100	5	2.1000000	5	2.1000100	5	1.0000000	0

V	V*	H _P	λ	p*	E*	W*	β
1.0792493	1.1397501	3.6000000	1.1487222	2.1121064	2.1120964	2.1121064	1.0000000
1.1000000	1.1839990	3.6692167	1.1270525	2.1527155	2.1527055	2.1527155	1.0000000
1.1074080	1.2000000	3.6939270	1.11195131	2.1672130	2.1672030	2.1672130	1.0000000
1.1241617	1.2365834	3.7498112	1.1028288	2.2000000	2.1999900	2.2000000	1.0000000
1.1241668	1.2365947	3.7498282	1.11028238	2.2000100	2.2000000	2.2000100	1.0000000
1.1270526	1.2429517	3.7594544	1.1000000	2.2056576	2.2056476	2.2056576	1.0000000
1.1392079	1.2699067	3.8000000	1.0882631	2.2294456	2.2294356	2.2294456	1.0000000
1.1526270	1.3000000	3.8447611	1.0755934	2.2557068	2.2556968	2.2557068	1.0000000
1.1752601	1.3515550	3.9202571	1.0548797	2.3000000	2.2999900	2.3000000	1.0000000
1.1752653	1.3515668	3.9202742	1.0548752	2.3000100	2.3000000	2.3000100	1.0000000
1.1961377	1.4000000	3.9898972	1.0364678	2.3408575	2.3408475	2.3408575	1.0000000
1.1991665	1.4070989	4.0000000	1.0338500	2.3467748	2.3467648	2.3467748	1.0000000
1.2000000	1.4090556	4.0027803	1.0331319	2.3484160	2.3484060	2.3484160	1.0000000
1.2263586	1.4716365	4.0907031	1.0109264	2.4000000	2.3999900	2.4000000	1.0000000
1.2263637	1.4716488	4.0907201	1.0109222	2.4000100	2.4000000	2.4000100	1.0000000
1.2381204	1.5000000	4.1299359	1.0013230	2.4230178	2.4230078	2.4230178	1.0000000
1.2397584	1.5039716	4.1353998	1.0000000	2.4262234	2.4262134	2.4262234	1.0000000
1.2591251	1.5513265	4.2000000	9.8461901	2.4641241	2.4641141	2.4641241	1.0000000
1.2774571	1.5968278	4.2611491	9.7048936	2.5000000	2.4999900	2.5000000	1.0000000
1.2774622	1.5968406	4.2611661	9.7048548	2.5000100	2.5000000	2.5000100	1.0000000
1.2787254	1.6000000	4.2653795	9.6952682	2.5024820	2.5024720	2.5024820	1.0000000
1.3000000	1.6536822	4.3363439	9.5366049	2.5441165	2.5441065	2.5441165	1.0000000
1.3050091	1.6664505	4.3530524	9.5000000	2.5539194	2.5539094	2.5539194	1.0000000
1.3180801	1.7000000	4.3966525	9.4057918	2.5794994	2.5794894	2.5794994	1.0000000
1.3190837	1.7025896	4.4000000	9.3986360	2.5814633	2.5814533	2.5814633	1.0000000
1.3285556	1.7271289	4.4315950	9.3316285	2.6000000	2.5999900	2.6000000	1.0000000
1.3285607	1.7271422	4.4316121	9.3315926	2.6000100	2.6000000	2.6000100	1.0000000
1.3562934	1.8000000	4.5241181	9.1407865	2.6542830	2.6542730	2.6542830	1.0000000
1.3775099	1.8567551	4.5948887	9.0000000	2.6958038	2.6957938	2.6958038	1.0000000
1.3790422	1.8608882	4.6000000	8.9899996	2.6988026	2.6987926	2.6988026	1.0000000
1.3796541	1.8625399	4.6020410	8.9860126	2.7000000	2.6999900	2.7000000	1.0000000
1.3796592	1.8625537	4.6020580	8.9859793	2.7000100	2.7000000	2.7000100	1.0000000
1.3934591	1.9000000	4.6480895	8.8969883	2.7270165	2.7270065	2.7270165	1.0000000
1.4000000	1.9178789	4.6699075	8.8554213	2.7398170	2.7398070	2.7398170	1.0000000
1.4296590	2.0000000	4.7688392	8.6717115	2.7978599	2.7978499	2.7978599	1.0000000
1.4307526	2.0030608	4.7724869	8.6650836	2.8000000	2.7999900	2.8000000	1.0000000
1.4307577	2.0030751	4.7725040	8.6650526	2.8000100	2.8000000	2.8000100	1.0000000
1.4390008	2.0262224	4.8000000	8.6154163	2.8161418	2.8161318	2.8161418	1.0000000
1.4585402	2.0816216	4.8651763	8.5000000	2.8543805	2.8543705	2.8543805	1.0000000
1.4649647	2.1000000	4.8866061	8.4627239	2.8669533	2.8669433	2.8669533	1.0000000

V	V*	H ρ	λ	p^*	E^*	W^*	β						
1.4818511	11	4.9429329	8	8.3662876	-16	2.9000000	5	2.8999900	5	2.9000000	5	1.0000000	0
1.4818562	11	4.9429500	8	8.3662587	-16	2.9000100	5	2.9000000	5	2.9000100	5	1.0000000	0
1.4989594	11	5.0000000	8	8.2707996	-16	2.9334810	5	2.9334710	5	2.9334810	5	1.0000000	0
1.4994393	11	5.0016008	8	8.2681525	-16	2.9344202	5	2.9344102	5	2.9344202	5	1.0000000	0
1.5000000	11	5.0034711	8	8.2650619	-16	2.9355175	5	2.9355075	5	2.9355175	5	1.0000000	0
1.5329496	11	5.1133789	8	8.0874113	-16	3.0000000	5	2.9999900	5	3.0000000	5	1.0000000	0
1.5329547	11	5.1133959	8	8.0873844	-16	3.0000100	5	3.0000000	5	3.0000100	5	1.0000000	0
1.5331389	11	5.1140104	8	8.0864127	-16	3.0003705	5	3.0003605	5	3.0003705	5	1.0000000	0
1.5496993	11	5.1692498	8	8.0000000	-16	3.0327793	5	3.0327693	5	3.0327793	5	1.0000000	0
1.5661135	11	5.2240017	8	7.9161534	-16	3.0649020	5	3.0648920	5	3.0649020	5	1.0000000	0
1.5984080	11	5.3317244	8	7.7562146	-16	3.1281025	5	3.1280925	5	3.1281025	5	1.0000000	0
1.6000000	11	5.3370347	8	7.7484972	-16	3.1312180	5	3.1312080	5	3.1312180	5	1.0000000	0
1.6300628	11	5.4373133	8	7.4055941	-16	3.1900511	5	3.1900411	5	3.1900511	5	1.0000000	0
1.6351465	11	5.4542708	8	7.5819481	-16	3.2000000	5	3.1999900	5	3.2000000	5	1.0000000	0
1.6351517	11	5.4542878	8	7.5819244	-16	3.2000100	5	3.2000000	5	3.2000100	5	1.0000000	0
1.6488558	11	5.5000000	8	7.5189088	-16	3.2268292	5	3.2268192	5	3.2268292	5	1.0000000	0
1.6530129	11	5.5138664	8	7.5000000	-16	3.2349645	5	3.2349545	5	3.2349645	5	1.0000000	0
1.6611145	11	5.5408905	8	7.4634210	-16	3.2508194	5	3.2508094	5	3.2508194	5	1.0000000	0
1.6915963	11	5.6425667	8	7.3289339	-16	3.3104725	5	3.3104625	5	3.3104725	5	1.0000000	0
1.7000000	11	5.6705983	8	7.2927046	-16	3.3269185	5	3.3269085	5	3.3269185	5	1.0000000	0
1.7215385	11	5.7424429	8	7.2014644	-16	3.3690695	5	3.3690595	5	3.3690695	5	1.0000000	0
1.7373435	11	5.7951627	8	7.1359512	-16	3.4000000	5	3.3999900	5	3.4000000	5	1.0000000	0
1.7373486	11	5.7951798	8	7.1359302	-16	3.4000100	5	3.4000000	5	3.4000100	5	1.0000000	0
1.7509687	11	5.8406114	8	7.0804228	-16	3.4266646	5	3.4266546	5	3.4266646	5	1.0000000	0
1.7710856	11	5.9077140	8	7.0000000	-16	3.4660334	5	3.4660234	5	3.4660334	5	1.0000000	0
1.7987523	11	6.0000000	8	6.8923330	-16	3.5201773	5	3.5201673	5	3.5201773	5	1.0000000	0
1.8000000	11	6.0041619	8	6.8875555	-16	3.5226190	5	3.5226090	5	3.5226190	5	1.0000000	0
1.8083929	11	6.0321575	8	6.8555899	-16	3.5390440	5	3.5390340	5	3.5390440	5	1.0000000	0
1.8395405	11	6.1360546	8	6.7395094	-16	3.6000000	5	3.5999900	5	3.6000000	5	1.0000000	0
1.8395456	11	6.1360717	8	6.7394907	-16	3.6000100	5	3.6000000	5	3.6000100	5	1.0000000	0
1.8640489	11	6.2178057	8	6.6508991	-16	3.6479630	5	3.6479530	5	3.6479630	5	1.0000000	0
1.9000000	11	6.3377255	8	6.5250535	-16	3.7183195	5	3.7183095	5	3.7183195	5	1.0000000	0
1.9073234	11	6.3621536	8	6.5000000	-16	3.7326514	5	3.7326414	5	3.7326514	5	1.0000000	0
1.9180906	11	6.3980692	8	6.4635122	-16	3.7537230	5	3.7537130	5	3.7537230	5	1.0000000	0
1.9417375	11	6.4769466	8	6.3847984	-16	3.8000000	5	3.7999900	5	3.8000000	5	1.0000000	0
1.9417426	11	6.4769636	8	6.3847816	-16	3.8000100	5	3.8000000	5	3.8000100	5	1.0000000	0
1.9486487	11	6.5000000	8	6.3621536	-16	3.8135254	5	3.8135154	5	3.8135254	5	1.0000000	0
1.9706509	11	6.5733913	8	6.2911208	-16	3.8565837	5	3.8565737	5	3.8565837	5	1.0000000	0
2.0000000	11	6.6712891	8	6.1988017	-16	3.9140200	5	3.9140100	5	3.9140200	5	1.0000000	0
2.0218453	11	6.7441571	8	6.1318260	-16	3.9567714	5	3.9567614	5	3.9567714	5	1.0000000	0

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β
2.0439345	11	6.8178385	8	4.0000000	3.9999900	4.0000000	1.0000000
2.0439396	11	6.8178555	8	4.0001000	4.0000000	4.0000100	1.0000000
2.0662674	11	6.8923330	8	4.0437057	4.0436957	4.0437057	1.0000000
2.0717751	11	6.9107046	8	4.0544842	4.0544742	4.0544842	1.0000000
2.0985452	11	7.0000000	8	4.1068735	4.1068635	4.1068735	1.0000000
2.1000000	11	7.0048527	8	4.1097205	4.1097105	4.1097205	1.0000000
2.1205295	11	7.0733317	8	4.1498969	4.1498869	4.1498969	1.0000000
2.1461314	11	7.1587304	8	4.2000000	4.1999900	4.2000000	1.0000000
2.1461366	11	7.1587475	8	4.2000100	4.2000000	4.2000100	1.0000000
2.1681879	11	7.2323028	8	4.2431646	4.2431546	4.2431646	1.0000000
2.2000000	11	7.3384163	8	4.3054210	4.3054110	4.3054210	1.0000000
2.2148211	11	7.3878540	8	4.3344259	4.3344159	4.3344259	1.0000000
2.2483284	11	7.4996223	8	4.4000000	4.3999900	4.4000000	1.0000000
2.2483335	11	7.4996394	8	4.4000100	4.4000000	4.4000100	1.0000000
2.2484416	11	7.5000000	8	4.4002216	4.4002116	4.4002216	1.0000000
2.2541104	11	7.5189088	8	4.4113153	4.4113053	4.4113153	1.0000000
2.2604924	11	7.5401969	8	4.4238049	4.4237949	4.4238049	1.0000000
2.3000000	11	7.6719799	8	4.5011215	4.5011115	4.5011215	1.0000000
2.3505254	11	7.8405143	8	4.6000000	4.5999900	4.6000000	1.0000000
2.3505305	11	7.8405313	8	4.6000100	4.6000000	4.6000100	1.0000000
2.3708247	11	7.9082252	8	4.6397258	4.6397158	4.6397258	1.0000000
2.3983381	11	8.0000000	8	4.6935697	4.6935597	4.6935697	1.0000000
2.4000000	11	8.0055435	8	4.6968220	4.6968120	4.6968220	1.0000000
2.4527224	11	8.1814062	8	4.8000000	4.7999900	4.8000000	1.0000000
2.4527275	11	8.1814232	8	4.8000100	4.8000000	4.8000100	1.0000000
2.4762458	11	8.2598719	8	4.8460355	4.8460255	4.8460355	1.0000000
2.4795219	11	8.2707997	8	4.8524468	4.8524368	4.8524468	1.0000000
2.5000000	11	8.3391071	8	4.8925225	4.8925125	4.8925225	1.0000000
2.5482345	11	8.5000000	8	4.9869178	4.9869078	4.9869178	1.0000000
2.5549194	11	8.5222981	8	5.0000000	4.9999900	5.0000000	1.0000000
2.5549245	11	8.5223152	8	5.0000100	5.0000000	5.0000100	1.0000000
2.5773586	11	8.5971472	8	5.0439137	5.0439037	5.0439137	1.0000000
2.5828355	11	8.6154163	8	5.0546321	5.0546221	5.0546321	1.0000000
2.6000000	11	8.6726707	8	5.0882230	5.0882130	5.0882230	1.0000000
2.6746516	11	7.0000000	8	5.2343166	5.2343066	5.2343166	1.0000000
2.6951329	11	7.1076163	8	5.2743987	5.2743887	5.2743987	1.0000000
2.6981310	11	7.1234380	8	5.2802659	5.2802559	5.2802659	1.0000000
2.7000000	11	7.1332103	8	5.2839235	5.2839135	5.2839235	1.0000000
2.7685276	11	9.2348175	8	5.4180324	5.4180224	5.4180324	1.0000000
2.8000000	11	7.6714877	8	5.4796240	5.4796140	5.4796240	1.0000000

V	V*	H _p	λ	p*	E*	W*	β								
2.8104118	11	9.3745279	8	4.4113153	-16	5.5000000	5	5.4999900	5	5.5000000	5	5.5000000	5	1.0000000	0
2.8104169	11	9.3745450	8	4.4113073	-16	5.5000100	5	5.5000000	5	5.5000100	5	5.5000100	5	1.0000000	0
2.8176392	11	9.3986360	8	4.4000000	-16	5.5141441	5	5.5141341	5	5.5141441	5	5.5141441	5	1.0000000	0
2.8480274	11	9.5000000	8	4.3530524	-16	5.5736140	5	5.5736040	5	5.5736140	5	5.5736140	5	1.0000000	0
2.8593232	11	9.5376785	8	4.3358558	-16	5.5957198	5	5.5957098	5	5.5957198	5	5.5957198	5	1.0000000	0
2.9000000	11	9.6733615	8	4.2750390	-16	5.6753245	5	5.6753146	5	5.6753246	5	5.6753246	5	1.0000000	0
2.9473230	11	9.8312140	8	4.2063980	-16	5.7679360	5	5.7679260	5	5.7679360	5	5.7679360	5	1.0000000	0
2.9518128	11	9.8461901	8	4.2000000	-16	5.7767224	5	5.7767124	5	5.7767224	5	5.7767224	5	1.0000000	0
2.9979239	11	8.7943679	9	4.1353998	-16	5.8669621	5	5.8669521	5	5.8669621	5	5.8669621	5	1.0000000	0
3.0000000	11	1.0006925	9	4.1325380	-16	5.8710251	5	5.8710151	5	5.8710251	5	5.8710251	5	1.0000000	0
3.0327705	11	1.0116236	9	4.0878840	-16	5.9351571	5	5.9351471	5	5.9351571	5	5.9351571	5	1.0000000	0
3.0659043	11	1.0226758	9	4.0437057	-16	6.0000000	5	5.9999900	5	6.0000000	5	6.0000000	5	1.0000000	0
3.0659094	11	1.0226775	9	4.0436989	-16	6.0000100	5	6.0000000	5	6.0000100	5	6.0000100	5	1.0000000	0
3.0994037	11	1.0338500	9	4.0000000	-16	6.0655585	5	6.0655485	5	6.0655585	5	6.0655585	5	1.0000000	0
3.1158757	11	1.0393444	9	3.9788541	-16	6.0977943	5	6.0977843	5	6.0977943	5	6.0977943	5	1.0000000	0
3.1968211	11	1.0663449	9	3.8781073	-16	6.2562049	5	6.2561949	5	6.2562049	5	6.2562049	5	1.0000000	0
3.2000000	11	1.0674052	9	3.8742548	-16	6.2624261	5	6.2624161	5	6.2624261	5	6.2624261	5	1.0000000	0
3.2625304	11	1.0415316	17	1.0882631	-16	6.3847984	5	6.3847884	5	6.3847984	5	6.3847984	5	1.0000000	0
3.2977168	11	1.1000000	9	1.0641185	-16	6.4536583	5	6.4536483	5	6.4536583	5	6.4536583	5	1.0000000	0
3.3213967	11	1.1078988	9	3.7326514	-16	6.5000000	5	6.4999900	5	6.5000000	5	6.5000000	5	1.0000000	0
3.3214018	11	1.1079005	9	3.7326456	-16	6.5000100	5	6.5000000	5	6.5000100	5	6.5000100	5	1.0000000	0
3.3528545	11	1.1183919	9	3.6976302	-16	6.5615631	5	6.5615531	5	6.5615631	5	6.5615631	5	1.0000000	0
3.4000000	11	1.1311523	17	1.1341180	-16	6.6538271	5	6.6538171	5	6.6538271	5	6.6538271	5	1.0000000	0
3.4437824	11	1.1604719	17	1.1487222	-16	6.7395094	5	6.7394995	5	6.7395095	5	6.7395095	5	1.0000000	0
3.5019426	11	1.2000000	17	1.1681223	-16	6.8533291	5	6.8533191	5	6.8533291	5	6.8533291	5	1.0000000	0
3.5768891	11	1.1931217	9	3.4660334	-16	7.0000000	5	6.9999900	5	7.0000000	5	7.0000000	5	1.0000000	0
3.5768943	11	1.1931234	9	3.4660285	-16	7.0000100	5	7.0000000	5	7.0000100	5	7.0000100	5	1.0000000	0
3.5975097	11	1.2663890	17	3.4461665	-16	7.0403545	5	7.0403445	5	7.0403545	5	7.0403545	5	1.0000000	0
3.6000000	11	1.2681429	17	3.4437826	-16	7.0452281	5	7.0452181	5	7.0452281	5	7.0452281	5	1.0000000	0
3.6449376	11	1.2158202	9	3.4013251	-16	7.1331711	5	7.1331611	5	7.1331711	5	7.1331711	5	1.0000000	0
3.6463581	11	1.2162941	9	3.4000000	-16	7.1359512	5	7.1359412	5	7.1359512	5	7.1359512	5	1.0000000	0
3.7825307	11	1.2617163	9	3.2775989	-16	7.4024415	5	7.4024315	5	7.4024415	5	7.4024415	5	1.0000000	0
3.8000000	11	1.4129614	17	3.2625312	-16	7.4366291	5	7.4366191	5	7.4366291	5	7.4366291	5	1.0000000	0
3.8323816	11	1.4371450	17	1.2783447	-16	7.5000000	5	7.4999900	5	7.5000000	5	7.5000000	5	1.0000000	0
3.8323867	11	1.4371488	17	1.2783464	-16	7.5000100	5	7.5000000	5	7.5000100	5	7.5000100	5	1.0000000	0
3.8742559	11	1.2923124	9	3.2000000	-16	7.5819481	5	7.5819381	5	7.5819481	5	7.5819481	5	1.0000000	0
3.8973026	11	1.3000000	9	3.1810768	-16	7.6270507	5	7.6270407	5	7.6270507	5	7.6270507	5	1.0000000	0
3.9152914	11	1.3060004	9	3.1664613	-16	7.6622549	5	7.6622449	5	7.6622549	5	7.6622549	5	1.0000000	0
4.0000000	11	1.5656080	17	1.3342561	-16	7.8280301	5	7.8280201	5	7.8280301	5	7.8280301	5	1.0000000	0
4.0436957	11	1.6000000	17	1.3488314	-16	7.9135429	5	7.9135329	5	7.9135429	5	7.9135429	5	1.0000000	0

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β						
4.0878740	11	1.3635677	9	3.0327793	-16	8.0000000	5	7.9999900	5	8.0000000	5	1.0000000	0
4.0878791	11	1.3635694	9	3.0327755	-16	8.0000100	5	8.0000000	5	8.0000100	5	1.0000000	0
4.1325399	11	1.3784666	9	3.0000000	-16	8.0874113	5	8.0874013	5	8.0874113	5	1.0000000	0
4.1681463	11	1.3903436	9	2.9743725	-16	8.1570933	5	8.1570833	5	8.1570933	5	1.0000000	0
4.1970955	11	1.4000000	9	2.9538570	-16	8.2137469	5	8.2137369	5	8.2137469	5	1.0000000	0
4.2000000	11	1.4009688	9	2.9518143	-16	8.2194311	5	8.2194211	5	8.2194311	5	1.0000000	0
4.2750415	11	1.4259999	9	2.9000000	-16	8.3662876	5	8.3662776	5	8.3662876	5	1.0000000	0
4.2889873	11	1.4306518	9	2.8905705	-16	8.3935797	5	8.3935697	5	8.3935797	5	1.0000000	0
4.3433665	11	1.4487907	9	2.8543805	-16	8.5000000	5	8.4999900	5	8.5000000	5	1.0000000	0
4.3433716	11	1.4487924	9	2.8543771	-16	8.5000100	5	8.5000000	5	8.5000100	5	1.0000000	0
4.4000000	11	1.4676816	9	2.8176411	-16	8.6108321	5	8.6108221	5	8.6108321	5	1.0000000	0
4.4065157	11	1.4698550	9	2.8134747	-16	8.6235834	5	8.6235734	5	8.6235834	5	1.0000000	0
4.4277217	11	1.4769285	9	2.8000000	-16	8.6650836	5	8.6650736	5	8.6650836	5	1.0000000	0
4.4968884	11	1.5000000	9	2.7569332	-16	8.8004431	5	8.8004331	5	8.8004431	5	1.0000000	0
4.5209899	11	1.5080394	9	2.7422360	-16	8.8476099	5	8.8475999	5	8.8476099	5	1.0000000	0
4.5917116	11	1.5316296	9	2.7000000	-16	8.9860126	5	8.9860026	5	8.9860126	5	1.0000000	0
4.5988589	11	1.5340137	9	2.6958038	-16	9.0000000	5	8.9999900	5	9.0000000	5	1.0000000	0
4.5988640	11	1.5340154	9	2.6958008	-16	9.0000100	5	9.0000000	5	9.0000100	5	1.0000000	0
4.6000000	11	1.5343943	9	2.6951351	-16	9.0022331	5	9.0022331	5	9.0022331	5	1.0000000	0
4.6326362	11	1.5452805	9	2.6761483	-16	9.06661023	5	9.0660923	5	9.0661023	5	1.0000000	0
4.7416544	11	1.5816450	9	2.6146194	-16	9.2794515	5	9.2794415	5	9.2794515	5	1.0000000	0
4.7683161	11	1.5905384	9	2.6000000	-16	9.3316285	5	9.3316185	5	9.3316285	5	1.0000000	0
4.7966813	11	1.6000000	9	2.5846249	-16	9.3871393	5	9.3871293	5	9.3871393	5	1.0000000	0
4.8000000	11	1.6011070	9	2.5828379	-16	9.3936341	5	9.3936241	5	9.3936341	5	1.0000000	0
4.8482219	11	1.6171921	9	2.5571482	-16	9.4880046	5	9.4879946	5	9.4880046	5	1.0000000	0
4.8543514	11	1.6192366	9	2.5539194	-16	9.5000000	5	9.4999900	5	9.5000000	5	1.0000000	0
4.8543565	11	1.6192383	9	2.5539167	-16	9.5000100	5	9.5000000	5	9.5000100	5	1.0000000	0
4.9524968	11	1.6519744	9	2.5033075	-16	9.6920710	5	9.6920610	5	9.6920710	5	1.0000000	0
4.9590489	11	1.6541599	9	2.5000000	-16	9.7048936	5	9.7048836	5	9.7048936	5	1.0000000	0
5.0000000	11	1.6678197	9	2.4795245	-16	9.7850351	5	9.7850251	5	9.7850351	5	1.0000000	0
5.0546210	11	1.6860393	9	2.4527304	-16	9.8919286	5	9.8919186	5	9.8919286	5	1.0000000	0
5.0964742	11	1.7000000	9	2.4325881	-16	9.9738356	5	9.9738256	5	9.9738356	5	1.0000000	0
5.1098438	11	1.7044596	9	2.4262234	-16	1.0000000	6	9.9999900	5	1.0000000	6	1.0000000	0
5.1098489	11	1.7044613	9	2.4262210	-16	1.0000010	6	1.0000000	6	1.0000010	6	1.0000000	0
5.1547223	11	1.7194294	9	2.4051000	-16	1.0008787	6	1.0008717	6	1.0008787	6	1.0000000	0
5.1656762	11	1.7230833	9	2.4000000	-16	1.0109264	6	1.0109254	6	1.0109264	6	1.0000000	0
5.2529164	11	1.7521834	9	2.3601409	-16	1.0279994	6	1.0279984	6	1.0279994	6	1.0000000	0
5.3493083	11	1.7843363	9	2.3176124	-16	1.0468633	6	1.0468623	6	1.0468633	6	1.0000000	0
5.3902710	11	1.7979999	9	2.3000000	-16	1.0548797	6	1.0548787	6	1.0548797	6	1.0000000	0
5.3962671	11	1.8000000	9	2.2974443	-16	1.0560532	6	1.0560522	6	1.0560532	6	1.0000000	0

V	V *	H _P	λ	p *	E *	W *	β
5.4439938	11	1.8159199	2.2773030	1.0653933	1.0653923	1.0653933	1.0000000
5.5000000	11	1.8346015	2.2541134	1.0763538	1.0763528	1.0763538	1.0000000
5.5370603	11	1.8469635	2.2390263	1.0836065	1.0836055	1.0836065	1.0000000
5.6208287	11	1.8749056	2.2056576	1.1000000	1.0999990	1.1000000	1.0000000
5.6208338	11	1.8749073	2.2056556	1.1000010	1.1000000	1.1000010	1.0000000
5.6352836	11	1.8797272	2.2000000	1.1028288	1.1028278	1.1028288	1.0000000
5.6960600	11	1.9000000	2.1765262	1.1147228	1.1147218	1.1147228	1.0000000
5.7186515	11	1.9075357	2.1679279	1.1191440	1.1191430	1.1191440	1.0000000
5.8946512	11	1.9662428	2.1031990	1.1535872	1.1535862	1.1535872	1.0000000
5.9036306	11	1.9692380	2.1000000	1.1553445	1.1553435	1.1553445	1.0000000
5.9958529	11	2.0000000	2.0676999	1.1733924	1.1733914	1.1733924	1.0000000
6.0000000	11	2.0213833	2.0662708	1.1742040	1.1742030	1.1742040	1.0000000
6.0655462	11	2.0232471	2.0439420	1.1870314	1.1870304	1.1870314	1.0000000
6.1318136	11	2.0453515	2.0218528	1.2000000	1.1999990	1.2000000	1.0000000
6.1318187	11	2.0453533	2.0218511	1.2000010	1.2000000	1.2000010	1.0000000
6.1988124	11	2.0676999	2.0000000	1.2131117	1.2131107	1.2131117	1.0000000
6.2317564	11	2.0786888	1.9894271	1.2195589	1.2195579	1.2195589	1.0000000
6.2956458	11	2.1000000	1.9622380	1.2320620	1.2320610	1.2320620	1.0000000
6.3936473	11	2.1326897	1.9390536	1.2512410	1.2512400	1.2512410	1.0000000
6.5000000	11	2.1681651	1.9073270	1.2720543	1.2720533	1.2720543	1.0000000
6.5250660	11	2.1765262	1.9000000	1.2769597	1.2769587	1.2769597	1.0000000
6.5515391	11	2.1853567	1.8923226	1.2821405	1.2821395	1.2821405	1.0000000
6.5954387	11	2.2000000	1.8797272	1.2907317	1.2907307	1.2907317	1.0000000
6.6427985	11	2.2157975	1.8663257	1.3000000	1.2999990	1.3000000	1.0000000
6.6428036	11	2.2157992	1.8663243	1.3000010	1.3000000	1.3000010	1.0000000
6.7057141	11	2.2367839	1.8488151	1.3123126	1.3123116	1.3123126	1.0000000
6.8564233	11	2.2870550	1.8081768	1.3418065	1.3418055	1.3418065	1.0000000
6.8875699	11	2.2974443	1.8000000	1.3479019	1.3479009	1.3479019	1.0000000
6.8952316	11	2.3000000	1.7979999	1.3494013	1.3494003	1.3494013	1.0000000
7.0000000	11	2.3349469	1.7710894	1.3699045	1.3699035	1.3699045	1.0000000
7.0038902	11	2.3362446	1.7701057	1.3706658	1.3706648	1.3706658	1.0000000
7.1483156	11	2.3844196	1.7343423	1.3989300	1.3989290	1.3989300	1.0000000
7.1537834	11	2.3862435	1.7330167	1.4000000	1.3999990	1.4000000	1.0000000
7.1537885	11	2.3862452	1.7330155	1.4000010	1.4000000	1.4000010	1.0000000
7.1950245	11	2.4000000	1.7230833	1.4080709	1.4080699	1.4080709	1.0000000
7.2927214	11	2.4325881	1.7000000	1.4271902	1.4271892	1.4271902	1.0000000
7.4948174	11	2.5000000	1.6541599	1.4667405	1.4667395	1.4667405	1.0000000
7.4972169	11	2.5008004	1.6536305	1.4672101	1.4672091	1.4672101	1.0000000
7.5000000	11	2.5017287	1.6530169	1.4677548	1.4677538	1.4677548	1.0000000
7.6647683	11	2.5566894	1.6174823	1.5000000	1.4999990	1.5000000	1.0000000

V	V^*	$H\rho$	λ	p^*	E^*	W^*	β				
7.6647734	11	5.7485877	17	2.5566911	9	1.6174812	-16	1.5000010	6	1.5000000	0
7.7485168	11	5.8748891	17	2.5846249	9	1.6000000	-16	1.5163896	6	1.5163886	0
7.7946103	11	5.9449927	17	2.6000000	9	1.5905384	-16	1.5254101	6	1.5254091	0
7.8305879	11	6.0000000	17	2.6120008	9	1.5832307	-16	1.5324510	6	1.5324500	0
8.0000000	11	6.2624241	17	2.6685105	9	1.5497034	-16	1.5656050	6	1.5656040	0
8.0944032	11	6.4110942	17	2.7000000	9	1.5316296	-16	1.5840798	6	1.5840788	0
8.1503345	11	6.5000000	17	2.7186567	9	1.5211188	-16	1.5950256	6	1.5950246	0
8.1757532	11	6.5406066	17	2.7271354	9	1.5163896	-16	1.6000000	6	1.5999990	0
8.1757583	11	6.5406148	17	2.7271371	9	1.5163887	-16	1.6000010	6	1.6000000	0
8.2650849	11	6.6843183	17	2.7569332	9	1.5000000	-16	1.6174823	6	1.6174813	0
8.3941961	11	6.8947844	17	2.8000000	9	1.4769285	-16	1.6427494	6	1.6427484	0
8.4580021	11	7.0000000	17	2.8212833	9	1.4657868	-16	1.6552362	6	1.6552352	0
8.5000000	11	7.0696891	17	2.8352923	9	1.4585444	-16	1.6634553	6	1.6634543	0
8.6867381	11	7.3837317	17	2.8975814	9	1.4271902	-16	1.7000000	6	1.6999990	0
8.6867432	11	7.3837404	17	2.8975831	9	1.4271894	-16	1.7000010	6	1.7000000	0
8.6939890	11	7.3960634	17	2.9000000	9	1.4259999	-16	1.7014190	6	1.7014180	0
8.7548641	11	7.5000000	17	2.9203057	9	1.4160846	-16	1.7133323	6	1.7133313	0
8.8554485	11	7.6733246	17	2.9538570	9	1.4000000	-16	1.7330167	6	1.7330157	0
8.9937819	11	7.9149311	17	3.0000000	9	1.3784666	-16	1.7600886	6	1.7600876	0
9.0000000	11	7.9258793	17	3.0020741	9	1.3775142	-16	1.7613055	6	1.7613045	0
9.0419849	11	8.0000000	17	3.0160788	9	1.3711180	-16	1.7695220	6	1.7695210	0
9.1977230	11	8.2779553	17	3.0680273	9	1.3479019	-16	1.8000000	6	1.7999990	0
9.1977281	11	8.2779645	17	3.0680290	9	1.3479011	-16	1.8000010	6	1.8000000	0
9.3202648	11	8.5000000	17	3.1089028	9	1.3301798	-16	1.8239815	6	1.8239805	0
9.5000000	11	8.8309946	17	3.1688559	9	1.3050135	-16	1.8591558	6	1.8591548	0
9.5366373	11	8.8992403	17	3.1810768	9	1.3000000	-16	1.8663257	6	1.8663247	0
9.5904735	11	9.0000000	17	3.1990346	9	1.2927024	-16	1.8768615	6	1.8768605	0
9.5933677	11	9.0054327	17	3.2000000	9	1.2923124	-16	1.8774279	6	1.8774269	0
9.7087079	11	9.2232773	17	3.2384733	9	1.2769597	-16	1.9000000	6	1.8999990	0
9.7087130	11	9.2232870	17	3.2384750	9	1.2769590	-16	1.9000010	6	1.9000000	0
9.8532750	11	9.5000000	17	3.2866956	9	1.2582242	-16	1.9282919	6	1.9282909	0
1.0000000	12	9.7850351	17	3.3356377	9	1.2397629	-16	1.9570060	6	1.9570050	0
1.0109247	12	1.0000000	18	3.3720786	9	1.2263652	-16	1.9793857	6	1.9783857	0
1.0192953	12	1.0166289	18	3.4000000	9	1.2162941	-16	1.9947671	6	1.9947671	0
1.0219693	12	1.0219698	18	3.4089192	9	1.2131117	-16	2.0000000	6	2.0000000	0
1.0219698	12	1.0219708	18	3.4089210	9	1.2131111	-16	2.0000010	6	2.0000000	0
1.0331357	12	1.0446247	18	3.4461665	9	1.2000000	-16	2.0218528	6	2.0218518	0
1.0602668	12	1.1000000	18	3.5366658	9	1.1692933	-16	2.0749484	6	2.0749474	0
1.0730678	12	1.1267217	18	3.5793652	9	1.1553445	-16	2.1000000	6	2.0999990	0
1.0730683	12	1.1267228	18	3.5793669	9	1.1553439	-16	2.1000010	6	2.1000000	0

V	V*	H ρ	λ	p^*	E^*	W*	β								
1.0792539	12	1.1397501	18	3.6000000	9	1.1487222	-16	2.1121064	6	2.1121054	6	2.1121064	6	1.0000000	0
1.1000000	12	1.1397501	18	3.6692013	9	1.1270572	-16	2.1527065	6	2.1527055	6	2.1527065	6	1.0000000	0
1.1074126	12	1.2000000	18	3.6939270	9	1.1195131	-16	2.1672130	6	2.1672120	6	2.1672130	6	1.0000000	0
1.1241663	12	1.2365834	18	3.7498112	9	1.1028288	-16	2.2000000	6	2.1999990	6	2.2000000	6	1.0000000	0
1.1241668	12	1.2365846	18	3.7498129	9	1.1028283	-16	2.2000010	6	2.2000000	6	2.2000010	6	1.0000000	0
1.1392125	12	1.2699067	18	3.8000000	9	1.0882631	-16	2.2294456	6	2.2294446	6	2.2294456	6	1.0000000	0
1.1526316	12	1.3000000	18	3.8447611	9	1.0755934	-16	2.2557068	6	2.2557058	6	2.2557068	6	1.0000000	0
1.1752647	12	1.3515550	18	3.9202571	9	1.0548797	-16	2.3000000	6	2.2999990	6	2.3000000	6	1.0000000	0
1.1752653	12	1.3515562	18	3.9202588	9	1.0548793	-16	2.3000010	6	2.3000000	6	2.3000010	6	1.0000000	0
1.1961423	12	1.4000000	18	3.9898972	9	1.0364678	-16	2.3408575	6	2.3408565	6	2.3408575	6	1.0000000	0
1.2381250	12	1.5000000	18	4.1299359	9	1.0013230	-16	2.4230178	6	2.4230168	6	2.4230178	6	1.0000000	0
1.2787300	12	1.6000000	18	4.2653795	9	9.6952682	-17	2.5024820	6	2.5024810	6	2.5024820	6	1.0000000	0
1.3180847	12	1.7000000	18	4.3966525	9	9.4057918	-17	2.5794994	6	2.5794984	6	2.5794994	6	1.0000000	0
1.3562980	12	1.8000000	18	4.5241181	9	9.1407865	-17	2.6542830	6	2.6542820	6	2.6542830	6	1.0000000	0
1.39334637	12	1.9000000	18	4.6480895	9	8.8969883	-17	2.7270165	6	2.7270155	6	2.7270165	6	1.0000000	0
1.4296636	12	2.0000000	18	4.7688392	9	8.6717115	-17	2.7978599	6	2.7978589	6	2.7978599	6	1.0000000	0
1.4649693	12	2.1000000	18	4.8866061	9	8.4627239	-17	2.8669533	6	2.8669523	6	2.8669533	6	1.0000000	0
1.4994439	12	2.2000000	18	5.0016008	9	8.2681525	-17	2.9344202	6	2.9344192	6	2.9344202	6	1.0000000	0
1.5331435	12	2.3000000	18	5.1140104	9	8.0864127	-17	3.0003705	6	3.0003695	6	3.0003705	6	1.0000000	0
1.5661181	12	2.4000000	18	5.2240017	9	7.9161534	-17	3.0649020	6	3.0649010	6	3.0649020	6	1.0000000	0
1.5984126	12	2.5000000	18	5.3317244	9	7.7562146	-17	3.1281025	6	3.1281015	6	3.1281025	6	1.0000000	0
1.6300674	12	2.6000000	18	5.4373133	9	7.6055941	-17	3.1900511	6	3.1900501	6	3.1900511	6	1.0000000	0
1.6611191	12	2.7000000	18	5.5408905	9	7.4634210	-17	3.2508194	6	3.2508184	6	3.2508194	6	1.0000000	0
1.6916009	12	2.8000000	18	5.6425667	9	7.3289339	-17	3.3104725	6	3.3104715	6	3.3104725	6	1.0000000	0
1.7215431	12	2.9000000	18	5.7424429	9	7.2014644	-17	3.3690695	6	3.3690685	6	3.3690695	6	1.0000000	0
1.7509733	12	3.0000000	18	5.8406114	9	7.0804228	-17	3.4266646	6	3.4266636	6	3.4266646	6	1.0000000	0
1.8083975	12	3.2000000	18	6.0321575	9	6.8555899	-17	3.5390440	6	3.5390430	6	3.5390440	6	1.0000000	0
1.8640535	12	3.4000000	18	6.2178057	9	6.6508991	-17	3.6479630	6	3.6479620	6	3.6479630	6	1.0000000	0
1.9180952	12	3.6000000	18	6.3980692	9	6.4635122	-17	3.7537230	6	3.7537220	6	3.7537230	6	1.0000000	0
1.9706555	12	3.8000000	18	6.5733913	9	6.2911208	-17	3.8565837	6	3.8565827	6	3.8565837	6	1.0000000	0
2.0218499	12	4.0000000	18	6.7441571	9	6.1318260	-17	3.9567714	6	3.9567704	6	3.9567714	6	1.0000000	0
2.0717797	12	4.2000000	18	6.9107046	9	5.9840495	-17	4.0544842	6	4.0544832	6	4.0544842	6	1.0000000	0
2.1205341	12	4.4000000	18	7.0733317	9	5.8464667	-17	4.1498969	6	4.1498959	6	4.1498969	6	1.0000000	0
2.1681925	12	4.6000000	18	7.2323028	9	5.7179573	-17	4.2431646	6	4.2431636	6	4.2431646	6	1.0000000	0
2.2148257	12	4.8000000	18	7.3878540	9	5.5975657	-17	4.3344259	6	4.3344249	6	4.3344259	6	1.0000000	0
2.2604970	12	5.0000000	18	7.5401969	9	5.4844719	-17	4.4238049	6	4.4238039	6	4.4238049	6	1.0000000	0
2.3708293	12	5.5000000	18	7.9082252	9	5.2292388	-17	4.6397258	6	4.6397248	6	4.6397258	6	1.0000000	0
2.4762504	12	6.0000000	18	8.2598719	9	5.0066150	-17	4.8460355	6	4.8460345	6	4.8460355	6	1.0000000	0
2.5773632	12	6.5000000	18	8.5971472	9	4.8102001	-17	5.0439137	6	5.0439127	6	5.0439137	6	1.0000000	0
2.6746562	12	7.0000000	18	8.9216813	9	4.6352248	-17	5.2343166	6	5.2343156	6	5.2343166	6	1.0000000	0

